



MIDDLE SCHOOL

COURSE GUIDE

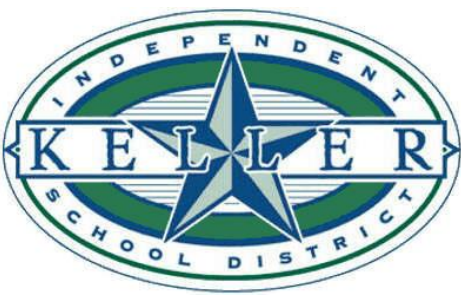
KISD

23-24



Cover art provided by:

Gabriel Franco
Fossil Ridge High School



KELLER INDEPENDENT SCHOOL DISTRICT

350 KELLER PARKWAY

KELLER, TEXAS 76248

PHONE: 817-744-1000

FAX: 817-741-3547

Parents and Students,

The information presented in this course guide booklet will assist you in making course selections that will meet your personal needs for the future as well as meet high school graduation requirements. Please take some time to review the information in this booklet before course selections are made for next year.

It is very important to make course selections carefully. Teacher assignments are based on student course requests made in the spring. The school reserves the right to cancel any course if a minimum student requirement is not met or if certified staff is not available to teach the course.

Please feel free to contact the Campus Counseling Center if there are any questions concerning courses, graduation requirements, scheduling, etc. Students are urged to discuss their course choices with their parents prior to course selection. The counseling staff will inform, monitor and advise students and parents regarding graduation requirements, but it is the ultimate responsibility of the student along with parent approval to select courses that are required under the appropriate graduation plan.

Sincerely,

Keller ISD Curriculum and Instruction

Vision

KISD – an exceptional district in which to learn, work and live.

Mission Statement

The community of Keller ISD will educate our students to achieve their highest standards of performance by engaging them in exceptional opportunities.

Intentionally Exceptional

We Value...

Relationships as the foundation for how we teach, learn, work, and play together in a safe, engaging, and caring way.

Care for our teachers because the impact of their work prepares students for their future.

Passionate teaching dedicated to content and craft that inspires others.

Exploration and the pursuit of one's passion that leads to personal growth.

Communication and collaboration that strengthens our unity.

Respect for the diversity of our school community through a culture of understanding and personalized learning opportunities.

Our Strategies...

In what ways might school be so interesting, and foster such curiosity and wonder, that it propels endless opportunities?

In what ways might we/I clarify our/my purpose in a way that builds trust and unity?

In what ways might we proactively support teachers so they can focus on teaching?

ASSURANCE OF NONDISCRIMINATION

Rev. 08/03/20

Keller ISD does not discriminate on the basis of race, religion, color, national origin, sex, disability, or age in providing education services, activities, and programs, including vocational programs, and also provides equal access to the Boy Scouts and other designated youth groups, in accordance with Title VI of the *Civil Rights Act of 1964*, as amended; Title IX of the *Educational Amendments of 1972*; Section 504 of the *Rehabilitation Act of 1973*, as amended; *Age Discrimination Act of 1975*; Title II of the *Americans with Disabilities Act*; and the *Boy Scouts of America Equal Access Act*.

The following district staff members have been designated to coordinate compliance with these legal requirements:

- Title IX Coordinator, for concerns regarding discrimination on the basis of sex:
Amanda Bigbee
General Counsel
350 Keller Parkway, Keller, TX 76248
Amanda.Bigbee@kellerisd.net | (817) 744-1000
- Section 504 Coordinator, for concerns regarding discrimination on the basis of disability:
Leigh Cook
Director of Federal Programs & Academic Compliance
350 Keller Parkway, Keller, TX 76248
Leigh.Cook@kellerisd.net | (817) 744-1000
- Americans with Disabilities Act (ADA) Coordinator, for concerns regarding discrimination on the basis of disability:
Johjania Najera
Executive Director of Human Resources
350 Keller Parkway, Keller, TX 76248
Johjania.Najera@kellerisd.net | (817) 744-1000
- All other concerns regarding discrimination:
Dr. Rick Westfall
Superintendent
350 Keller Parkway, Keller, TX 76248
Rick.Westfall@kellerisd.net | (817) 744-1000

All complaints shall be handled through established channels and procedures beginning with the building principal, followed by appeal to the appropriate central administration contact, and finally the board of trustees, in accordance with Policy FNG.

If you need the assistance of the Office for Civil Rights (OCR) of the Department of Education, the address of the OCR Regional Office that covers Texas is:

Dallas Office
Office for Civil Rights, U.S. Department of Education
1999 Bryan Street, Suite 1620
Dallas, TX 75201-6810
Telephone: (214) 661-9600
Facsimile: (214) 661-9587
Email: OCR.Dallas@ed.gov

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Middle School Directory

FOSSIL HILL MIDDLE SCHOOL

3821 Staghorn Cir

Phone: 817-744-3050

Ft Worth, TX 76137

Fax: 817-744-3138

Namicha Williams, Principal

Mascot: Panther
School Colors: Black & Gold

HILLWOOD MIDDLE SCHOOL

8250 Parkwood Hill Blvd

Phone: 817-744-3350

Ft Worth, TX 76137

Fax: 817-744-3438

Heather Bennett, Principal

Mascot: Charger
School Colors: Crimson & Gold

INDIAN SPRINGS MIDDLE SCHOOL

305 Bursey Rd.

Phone: 817-744-3200

Ft Worth, TX 76248

Fax: 817-744-3238

Courtney Cullum, Principal

Mascot: Eagle
School Colors: Maroon & Gold

KELLER MIDDLE SCHOOL

300 N College Avenue

Phone: 817-744-2900

Keller, TX 76248

Fax: 817-744-2938

HR Lugo, Principal

Mascot: Comanche
School Colors: Blue, Black & White

TIMBERVIEW MIDDLE SCHOOL

10300 Old Denton Rd.

Phone: 817-744-2600

Keller, TX 76244

Fax: 817-744-2638

Dr. Sarah Guerrero, Principal

Mascot: Hawk
School Colors: Purple & Black

TRINITY SPRINGS MIDDLE SCHOOL

3550 Keller-Hicks Rd.

Phone: 817-744-3500

Fort Worth, TX 76244

Fax: 817-744-3538

Justin Barrett, Principal

Mascot: Titan
School Colors: Green, Black & Gold

VISTA RIDGE MIDDLE SCHOOL

3201 Thompson Rd.

Phone: 817-743-8400

Fort Worth, TX 76177

Fax: 817-743-8438

Michael Crow, Principal

Mascot: Panther
School Colors: Red & Gold

General Information

Advanced Academics

The Keller Independent School District secondary schools offer students the opportunity to participate in challenging academic courses, such as Accelerated (Acc), Advanced (Adv), Honors, Advanced Placement (AP), Dual Credit, and Dual Enrollment. Because these classes are college preparatory and/or similar to college-level courses, students are challenged to be more disciplined, structured, and to perform at a higher academic level.

What are Advanced courses? Advanced courses are middle school courses that allow students to dive deeper into the content to ensure a more rigorous interaction with the curriculum to help support their advanced path of learning into college-level courses before graduation.

What are Accelerated courses? Accelerated courses are middle school compacted curriculum courses that are designed to allow students access to a faster pace of curriculum in a given core content area.

What are Honors courses? Honors courses are high school college preparatory courses that are designed to provide students with the necessary skills to be successful in Dual Credit and AP courses. In KISD, these skills together with the Texas Essential Knowledge and Skills (TEKS) comprise the syllabi for Honors courses.

High School Credit and GPA:



GPA Policy Chart

Graduation Year	2025+
MS courses for HS credit	INCLUDED in GPA calculation
GPA Scale	6.0
Course Weight	Regular courses maximum GPA 4.0 Honors/Dual Credit courses maximum GPA 5.0 AP/UT OnRamps courses maximum GPA 6.0
Courses used in GPA Calculation	Core and LOTE only on specific course list Excludes: Correspondence Courses Credit Recovery Local Credit Evening/Night School Summer School Credit Recovery CBE Courses taken as P/F Online courses outside of district other than TXVSN GPA Weighted Course List (see below) *Unweighted GPA includes ALL courses taken for state HS credit except those graded as P/F Grades below 70 not included in calculation

Courses receiving weight outside of H/DC/AP	Any course with an AP course as a prerequisite is weighted as an AP course
Top 10%/GPA Posting	Weighted GPA/Rank available each semester on transcript GPA/Rank includes early graduates for that class
Date of Final Ranking	End of 3rd 9 weeks in 12 th The final 3 rd 9 weeks grade will be treated as the semester 2 grade for purposes of final GPA and rank calculation Valedictorian/Salutatorian cannot be early graduates

The following courses within each content area are included in the calculation of class rank and weighted semester GPA and count towards graduation credits per TEA Chapter 74. Curriculum Requirements Subchapter B. Graduation Requirements. Additional information regarding state graduation credits may be found here: <http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074b.html>

This list is updated annually and published within the course guide.

English

- English I, English I Honors or Sheltered English I
- English II, English II Honors or Sheltered English II
- English III, English III Blended, Dual English III, AP English III, AP English III Blended or Sheltered English III
- English IV, English IV Blended, Dual English IV, AP English IV, AP English IV Blended or Sheltered English IV
- Independent Study in English I
- Creative Writing
- Research and Technical Writing
- Debate III
- Independent Study in Speech
- Advanced Broadcast Journalism III
- Advanced Journalism: Newspaper III
- Advanced Journalism: Yearbook III
- College Prep English
- Humanities I, Humanities II, Humanities III

Math

- Algebra I, Algebra I Honors or Sheltered Algebra I
- Geometry, Geometry Honors or Sheltered Geometry
- Math Models w/Applications
- Independent Study in Math
- Strategic Learning for High School Math
- Digital Electronics (Honors weight)
- Accounting II (Honors weight)
- Robotics II
- Algebra II, Algebra II Honors or Sheltered Algebra II
- UT OnRamps College Algebra (AP weight)
- Precalculus, Precalculus Honors, UT OnRamps Precalculus (AP weight)
- Advanced Quantitative Reasoning
- Algebraic Reasoning or Sheltered Algebraic Reasoning

- Statistics, AP Statistics, Dual Statistics, UT OnRamps Statistics (AP weight)
- Statistics and Business Decision Making
- College Prep Math
- Compacted Algebra II
- Double-blocked AP Calculus AB and AP Calculus BC
- Calculus
- AP Calculus AB
- AP Calculus BC
- Applied Mathematics for Technical Professionals
- AP Computer Science A - Math

Science

- Biology, Biology Honors or Sheltered Biology
- Integrated Physics and Chemistry or Sheltered Integrated Physics and Chemistry
- Chemistry, Chemistry Honors, UT OnRamps Chemistry (AP weight) or Sheltered Chemistry
- Physics, Physics Honors, UT OnRamps Physics (AP weight) or Sheltered Physics
- Principles of Technology
- AP Biology
- AP Chemistry
- AP Physics I
- AP Physics II
- AP Environmental Science
- AP Physics C: Electricity & Magnetism
- AP Physics C: Mechanics
- Aquatic Science
- Astronomy
- Earth Systems Science
- Engineering Design and Problem Solving (Honors weight)
- Environmental Systems, Sheltered Environmental Systems
- Advanced Animal Science, Advanced Animal Science Honors, Dual Advanced Animal Science
- Anatomy and Physiology, Anatomy and Physiology Honors, or Dual Anatomy and Physiology
- Medical Microbiology, Medical Microbiology Honors, or Dual Medical Microbiology
- Pathophysiology, Pathophysiology Honors, or Dual Pathophysiology
- Forensic Science, Forensic Science Honors
- SRD: Unmanned Aerial Vehicles
- SRD: Veterinary Clinical Skills, SRD: Veterinary Clinical Skills Honors
- Engineering Science

Social Studies

- World Geography, World Geography Honors or Sheltered World Geography
- World History, AP World History or Sheltered World History
- US History, US History Blended, Dual US History, AP US History, AP US History Blended, Sheltered US History
- US Government, US Government Blended, Dual US Government, AP US Government, AP Government Blended, AP Comparative Government
- Economics, Economics Blended, Dual Macroeconomics, AP Microeconomics, AP Macroeconomics, AP Macroeconomics Blended
- AP Human Geography
- Humanities I, Humanities II, Humanities III

Languages Other than English

- American Sign Language I, II, III, IV
- French I, French I Honors, French II, French II Honors, French III Honors, Dual French III, AP French IV
- German I, German I Honors, German II, German II Honors, German III Honors, AP German IV, German V
- Latin I, Latin I Honors, Latin II, Latin II Honors, Latin III Honors, AP Latin IV
- Spanish I, Spanish I Honors, Spanish II, Spanish II Honors, Spanish III, Spanish III Honors, Dual Spanish III, AP Spanish IV, AP Spanish V
- Spanish for Native Speakers I, Spanish for Native Speakers II, Spanish for Native Speakers III, Spanish for Native Speakers IV
- Special Topics in Language and Culture
- AP Computer Science A – LOTE
- Computer Science I, Computer Science I Honors, AP Computer Science -LOTE, Computer Science II (receives AP weight), Computer Science III (receives AP weight)

Standard Unweighted GPA Chart

Numerical Grade	Standard Unweighted GPA Conversion
97-100	4.0
94-96	3.8
90-93	3.6
87-89	3.4
84-86	3.2
80-83	3.0
77-79	2.8
74-76	2.6
71-73	2.4
70	2.2

- Grades below 70 are not calculated into the GPA.
- All courses taken for HS credit, excluding those graded as P/F, are included in the standard unweighted GPA calculation.
- KISD counselors report the standard unweighted GPA on college and scholarship applications.

Attendance: The attendance law states that students must have 90% attendance in a high school courses in order to receive credit in a given course in order to meet the state's attendance law of course credit.

Credit Denied Due to Attendance: Students will be notified in a timely manner by assistant principals that course credit has been denied due to absences. Credit denied for absences may be earned through the last day of the following grading period. Assistant principals must submit "earned credit" forms to data processing by the 3rd school day after the last earned credit date.

Final Exam Make-Up Procedure: Students must contact each teacher whose exam will be missed prior to the absence with the exception of emergencies such as personal illness or the death of a family member. No exams will be given early.

Fine Arts: Art, band, choir, orchestra, and theatre class lists will be submitted to the campus counseling center by the instructors.

Gifted & Talented Advisory: Students identified by Keller ISD as needing GT services will have access to GT curriculum and support through a clustered advisory course in their schedule.

Schedule Change Process

Keller ISD strives to provide the highest quality education while working to be responsive to students' needs. The participation and commitment of parents and students during registration and scheduling is a major component in reaching this goal.

Master schedules are developed in the spring prior to the upcoming year. Selections during registration determine how many teachers and sections will be needed for a course. The process allows administrators to plan to hire for optimum academic strength.

When students are permitted to randomly change schedules, classes become overcrowded. As a result, all students are affected. Even the most effective planning is compromised. Very seldom does a one course change affect only one course. Careful selections benefit everyone. Thank you for being a crucial part of our educational team as we work together for academic excellence.

Registration

- Parent and student informational meetings will be held during registration.
- Students will be guided through course selection during online registration.
- Students who do not register online will have a schedule arranged for them according to their academic needs and/or graduation plan.

Add/Drop Date

- Registration changes may not be made after the last day in March.
- Only schedule changes pertaining to middle school requirements and/or computer errors will be addressed during the following school year.
- A student who does not register by the last day in March will not be eligible for a schedule change.

SAVE Committee Process

- The SAVE Committee is chaired by the counselor and is composed of the student, the parent/guardian, the teacher whose class the student is requesting to exit, and the assistant principal.
- Schedule changes that are requested after the first 10 days of school that affect AP, Advanced, and online classes will only be addressed through the SAVE Committee process.

To request a SAVE Committee, a student and parent must:	
1.	Conference with the teacher about the course
2.	Complete a SAVE Committee request form
3.	Submit request form to the counseling office
A student can request a SAVE Committee until	
	Beginning the first day of the 5 th week of the semester until the last day of the 6 th week of the semester
	Schedule changes for SAVE changes will occur during the 7 th week of the semester

Every effort is made to “SAVE” a student’s schedule.

Middle School Athletics

Sixth Grade Pre-Athletics The Pre-Athletics program is designed to develop young athletes in regards to athletic skills. This program will consist of daily skills needed in Football, Volleyball, Cross Country, Basketball, Track and Field, and Soccer, as well as workouts consistent with these sports such as conditioning, weight training, speed and agility drills, etc. Locker room etiquette and grade checks may also be included in this course. Sixth grade Pre-Athletics is not a prerequisite to middle school athletics. However, the workouts are geared towards preparation for middle school athletics. Sports physicals are not required for this course at this time.

Sixth Grade Students will be made aware of the importance of completing the necessary paperwork for entry into seventh grade athletics. Paperwork including physical forms will be distributed and collected through the intermediate school physical education department the first week of April with a due date of the first week of May. A list of students indicating an interest in athletics on their registration form will be maintained by the middle school counseling office manager and shared with the athletic coordinator. At the due date, students with incomplete paperwork will be notified by the middle school athletic coordinators and informed that they will not be in athletics if the paperwork is not completed by the last day of school. A list of students with completed paperwork will be provided to the middle school counseling office manager by the middle school athletic coordinator by the last day of school. After the deadline, students will not be added to athletics except through the SAVE Committee process in the 3rd week of school.

Seventh Grade Students will be made aware of the importance of completing the necessary paperwork for entry into eighth grade athletics. Registration forms must have the appropriate middle school athletic coordinator’s signature. A list of students with signed registration forms will be maintained by the middle school counseling office manager and shared with the athletic coordinators. Additionally, medical history forms will be distributed through the physical education department and the athletic coordinators the first week of April with a due date of the first week of May. At the due date, students with incomplete paperwork will be notified by the middle school athletic coordinators and informed that they will not be in athletics if the paperwork is not complete by the last day of school. A list of students with completed paperwork will be provided to the middle school counseling office manager by the middle school athletic coordinators by the last day of school.

Athletic Registration Information: Athletic concerns may always be addressed to the Athletic Director for a final decision. Computer errors will always be promptly addressed at the campus level. Removal of students from athletics for issues of concern will occur at the end of a grading period when possible.

New students will be permitted to enroll in athletics and will follow the 15-day UIL rule for time permitted to obtain a physical. **Annual UIL physicals are required for all students participating in one or more sports.**

State Assessment Middle School

State Assessment Requirements	<p>Middle school students enrolled in a high school level course where a corresponding STAAR EOC exam is designated, the student will be required to take the STAAR EOC exam aligned to that specific course: English I, English II, Algebra I, Biology, and US History</p> <p>Middle school students will take the grade level STAAR exams for the remaining core content areas:</p> <ul style="list-style-type: none"> ○ 7th grade: Reading and Math ○ 8th grade: Math, Reading, Science, and Social Studies 	
What are the STAAR and STAAR EOC Performance Standards?	<p style="text-align: center;"><u>Passing Performance Standards:</u> Approaches Grade Level Meets Grade Level Masters Grade Level</p> <p style="text-align: center;">-----</p> <p style="text-align: center;"><u>Non-passing Performance Standards:</u> Does Not Meet Grade Level</p>	
When will students take initial administration of STAAR and STAAR EOC exams?	<p>7th Grade</p> <ul style="list-style-type: none"> • STAAR Reading and Math administered in mid-May. 	<p>8th Grade</p> <ul style="list-style-type: none"> • STAAR Reading, Math, Science, and Social Studies administered in mid-May.
	<ul style="list-style-type: none"> • STAAR EOC English I and II administered in early April. • STAAR EOC Math, Science, and Social Studies administered in early May. 	
STAAR EOC retest opportunities	<p>STAAR EOC Retest will be offered three times a year, once in the fall, summer, and spring.</p>	

*Additional courses of Reading Styles AND/OR Math Quest will be required for 7th and/or 8th grade students if STAAR scores indicate. The student's schedule will be changed to meet this requirement.

High School Graduation Plans

All eighth graders are required to complete a four-year plan for their high school years. This allows students to prepare for the future and gives them a chance to choose the courses in which they are interested. Students will be graduating under the Foundation with Endorsements program. Students will choose from five Endorsements. The Endorsements are as follows: Arts & Humanities, Business & Industry, Public Service, Science Technology Engineering & Math, and Multidisciplinary.

Note: Students who are planning to attend a 4-Year University after graduation, should check the universities website for admission requirements. This will assist students in preparing their high school personal graduation plan. Not all courses in high school meet 4-Year University admission requirements.

Keller ISD High School Graduation Plan

	9th	10th	11th	12th
Graduation Program - 26 Credits				
English	English I	English II	English III	4 th English
Math	Algebra I	Geometry	Algebra II	4 th Math
Science	Biology	IPC, Physics or Chemistry	Advanced Science	4 th Science
Social Studies	World Geography	World History	US History	Government/ Economics
World Languages	2 credits of the same world language			
Physical Education	1 credit			
Fine Art	1 credit- <i>Art, Band, Choir, Dance, Orchestra, Piano, or Theatre</i>			
21st Century Skills	Professional Communications (.5 Credits)			
Electives	5.5 credits			
26 CREDITS				

Distinguished Level of Achievement	<ul style="list-style-type: none"> • A total of four credits in math, including credit in Algebra II • A total of four credits in science • Completion of curriculum requirements for at least one endorsement
Performance Acknowledgements	For outstanding performance <ul style="list-style-type: none"> • In a dual credit course • In bilingualism and bi-literacy • On an AP test or IB exam • On the PSAT, the ACT-Aspire, the Pre-ACT, the SAT, or the ACT • For earning a nationally or internationally recognized business or industry certification or license

During the 8th grade year, all students are required to build a personal graduation plan. The following pages outline the Endorsement categories and their Pathways. Next to each pathway, you will see the sequence of study for the pathway.

<u>Arts & Humanities *</u>	<u>Business & Industry</u>	<u>Public Services</u>	<u>STEM</u>
<ul style="list-style-type: none"> • American Sign Language • Band • Choir • Creative Writing • Dance • French • German • History • Latin • Orchestra • Piano • Social Sciences • Spanish • Technical Theatre • Theatre Production • Visual Arts: Drawing • Visual Arts: Digital Media • Visual Arts: Painting • Visual Arts: Sculpture 	<ul style="list-style-type: none"> • Accounting & Financial Services • Architectural Design • Automotive • Broadcast Journalism * • Business Management • Construction Technology • Culinary Arts • Debate * • Design & Multimedia Arts • Digital Communications • Electrical Technology • Fashion Design • HVAC (Heating, Ventilation & Air Conditioning) • Interior Design • Marketing • Networking Systems/Maintenance • Newspaper * • Plant Science • Plumbing Technology • Veterinary Studies • Welding • Yearbook * 	<ul style="list-style-type: none"> • Cosmetology • Health Science: Biomedicine • Health Science: Certified Nursing Assistant • Health Science: Clinical Rotations • Health Science: Emergency Medical Technician • Health Science: Pharmacy • Health Science: Exercise Science & Sports Medicine • Law Enforcement: Police • Legal Studies • Military Science (ROTC) * • Teaching and Training 	<ul style="list-style-type: none"> • Biology * • Chemistry * • Cybersecurity • Engineering • Environmental Science * • Math* • Physics * • Programming & Software Development • Space Science *
Multidisciplinary Studies			

***denotes non-CTE pathway(s)**

KCAL: Keller Center for Advanced Learning

KCA: Keller Collegiate Academy

(Classes taken at KCAL are shaded grey. See the high school academic planning guide for all course descriptions. Classes taken at KCA are listed in the KCA pathways later on in this guide.)


Pathways available only at KCAL: Architectural Design, Automotive, Construction Technology, Cosmetology, Cybersecurity, Electrical Technology, HVAC (Heating, Ventilation, and Air Conditioning), Networking Systems/Maintenance, Plant Science, Plumbing Technology, Programming & Software Development, Veterinary Studies, and Welding

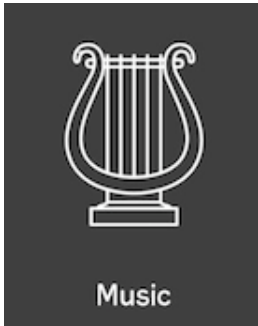
Pathways that finish advanced courses at KCAL: Culinary Arts, Design & Multimedia Arts, Digital Communications, Engineering, Health Sciences (Biomedicine, Clinical Rotations, EMT, Nursing (CNA), Patient Care Technician (PCT), Pharmacy Technician, Medical Assistant), and Law Enforcement: Police and Legal Studies


Pathways available only at high school campuses: Accounting & Financial Services, Business Management, Fashion Design, Health Science: Exercise Science and Sports Medicine, Interior Design, Marketing, and Teaching and Training


Pathways available only at KCA: Associate of Arts with Health Science certifications, Associate of Science with Health Science certifications, Associate of Applied Science, Surgical Technology, and Associate of Science, Anesthesia Technology


Arts and Humanities Endorsement


	Program of Study	9 th	10 th	11 th	12 th
 English	Creative Writing	English I Regular or Honors 1 credit	English II Regular or Honors 1 credit	English III Regular, Dual, or AP AND Creative Writing 2 credits	English IV Regular, Dual, or AP AND Literary Genres AND Research and Technical Writing 2 credits

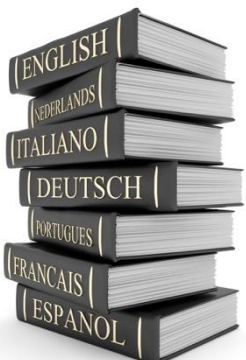
	Program of Study	9 th	10 th	11 th	12 th
 Music	Choir	Choir I 1 credit	Choir II 1 credit	Choir III 1 credit	Choir IV 1 credit
	Band	Band I 1 credit	Band II 1 credit	Band III 1 credit	Band IV 1 credit
	Orchestra	Orchestra I 1 credit	Orchestra II 1 credit	Orchestra III 1 credit	Orchestra IV 1 credit
	Piano	Piano I 1 credit	Piano II 1 Credit	Piano III 1 credit	Piano IV 1 credit

	Dance	Dance I 1 credit	Dance II 1 credit	Dance III 1 credit	Dance IV 1 credit

	Program of Study	9 th	10 th	11 th	12 th
	Technical Theatre	Technical Theatre I 1 credit	Technical Theatre II 1 credit	Technical Theatre III AND one additional credit below: Theatre Production I Musical Theatre I Theatre III: Directing Theatre III: Playwriting Dramaturgy Acting for the Camera 2 credits	Technical Theatre IV AND one additional credit below: Theatre Production I Theatre Production II Musical Theatre I Musical Theatre II Theatre III: Directing Theatre III: Playwriting Dramaturgy Acting for the Camera 2 credits
	Theatre Production	Theatre I 1 credit	Theatre Production I OR Theatre II OR Musical Theatre I 1 credit	Theatre Production II OR Theatre III AND one additional credit below: Acting styles: Classical Acting styles: Realism Acting styles: Improvisation Movement for the Actor Musical Theatre I Musical Theatre II Theatre III: Directing Theatre III: Playwriting Dramaturgy Acting for the Camera 2 credits	Theatre Production III OR Theatre IV AND one additional credit below: Acting styles: Classical Acting styles: Realism Acting styles: Improvisation Movement for the Actor Musical Theatre I Musical Theatre II Musical Theatre III Theatre III: Directing Theatre III: Playwriting Dramaturgy Acting for the Camera 2 credits

	Program of Study	9 th	10 th	11 th	12 th
 Visual Arts	Drawing	Art I 1 credit	Art II Drawing Regular or Honors 1 credit	Art III Drawing Honors 1 credit	AP Studio Art: Drawing Portfolio 1 credit
	Digital Media	Art I 1 credit	Art II Digital Art and Media Honors 1 credit	Art III Digital Art and Media Honors 1 credit	AP Studio Art: 3-D Design Portfolio 1 credit
	Painting	Art I 1 credit	Art II Painting Honors 1 credit	Art III Painting Honors 1 credit	AP Studio Art: 2-D Design Portfolio 1 credit
	Sculpture	Art I 1 credit	Art II Sculpture Honors 1 credit	Art III Sculpture Honors 1 credit	AP Studio Art: 3-D Design Portfolio 1 credit

	Program of Study	9 th	10 th	11 th	12 th
 Social Studies	History	World Geography Regular or Honors 1 credit	World History Regular or AP 1 credit	US History Regular, Dual, or AP AND AP European History 1 credit	Government AND Economics Regular, Dual, or AP .5 credit/each
	Social Sciences	World Geography Regular or Honors OR AP Human Geography 1 credit	World History Regular or AP 1 credit	US History Regular, Dual, or AP AND AP Psychology 1 credit	Government AND Economics Regular, Dual, or AP .5 credit/each

	Program of Study	9 th	10 th	11 th	12 th
 <p>World Languages</p>	American Sign Language	American Sign Language I 1 credit	American Sign Language II 1 credit	American Sign Language III 1 credit	American Sign Language IV 1 credit
	Spanish	Spanish I 1 credit	Spanish II 1 credit	Spanish III 1 credit	Spanish IV 1 credit
	German	German I 1 credit	German II 1 credit	German III 1 credit	German IV 1 credit
	French	French I 1 credit	French II 1 credit	French III 1 credit	French IV 1 credit
	Latin	Latin I 1 credit	Latin II 1 credit	Latin III 1 credit	Latin IV 1 credit



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Business and Industry Endorsement



Agriculture,
Food &
Natural
Resources

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Veterinary Studies	Principles of Agriculture, Food and Natural Resources (1 credit)	Veterinary Medical Applications (1 credit) <i>Prerequisite: Principles of Agriculture, Food and Natural Resources</i>	Advanced Animal Science (1 credit) AND Scientific Research & Design: Veterinary Clinical Skills (1 credit) <i>Prerequisite: Veterinary Medical Applications</i>	Practicum in Agriculture, Food and Natural Resources (2 credits) <i>Prerequisites: Scientific Research & Design: Veterinary Clinical Skills</i>	Wildlife, Fisheries, and Ecology Management (1 credit), Small Animal Management (.5 credit) and Equine Science (.5 credit), Agribusiness Management and Marketing (1 credit), Livestock Production (1 credit), Introduction to Welding (1 credit)
Plant Science	Principles of Agriculture, Food and Natural Resources (1 credit)	Horticultural Science (1 credit) AND 1 or more credits from the following 3 courses: Turf Grass Management (.5 credit), Landscape Design (.5 credit), Floral Design (1 credit) <i>Prerequisite: Principles of Agriculture, Food and Natural Resources</i>	Choose 1 or more credits from the following 3 courses: Greenhouse Operation & Production (1 credit), Advanced Floral Design (1 credit), <i>Prerequisite: Floral Design,</i> Advanced Plant and Soil Science (1 credit) <i>Prerequisite: Horticultural Science</i>	Practicum in Agriculture, Food and Natural Resources (2 credits) <i>Prerequisites: 3 credits in the Plant Science Program</i>	Agribusiness Management and Marketing (1 credit)



Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Architectural Design	Principles of Architecture (1 credit)	Architectural Design I (1 credit) <i>Prerequisite:</i> <i>Principles of Architecture, Algebra 1, and English I</i>	Architectural Design II (2 credits) <i>Prerequisite:</i> <i>Architectural Design I and Geometry</i>	Practicum in Architectural Design (2 credits) <i>Prerequisite:</i> <i>3 credits in the Architectural Design Program including Architectural Design II</i>	Civil Engineering (1 credit), SR &D: UAV (1 credit)
Construction Technology	Principles of Construction (1 credit)	Construction Technology I (2 credits) <i>Prerequisite:</i> <i>Principles of Construction</i>	Construction Technology II (2 credits) <i>Prerequisite:</i> <i>Construction Technology I</i>	Practicum in Construction Technology (2 credits) <i>Prerequisite: 3 credits in the Construction Tech Program including Construction Technology II</i>	Introduction to Welding (1 credit), Applied Math for Technical Professionals (1 credit), Entrepreneurship (1 credit but taught in 1 semester), SR &D: UAV (1 credit)
HVAC (Heating, Ventilation and Air Conditioning)	Principles of Construction (1 credit)	HVAC and Refrigeration Technology I (1 credit) AND Sheet Metal (1 credit) <i>Prerequisite:</i> <i>Principles of Construction</i>	HVAC and Refrigeration Technology II (2 credits) <i>Prerequisite:</i> <i>HVAC & Refrigeration I</i>	Practicum in Construction Technology (2 credits) <i>Prerequisite: 3 credits in the HVAC Program including HVAC & Refrigeration II</i>	Introduction to Welding (1 credit), Electrical Technology I (1 credit), Construction Technology I (2 credits), Applied Math for Technical Professionals (1 credit), Entrepreneurship (1 credit but taught in 1 semester)
Plumbing Technology	Principles of Construction (1 credit)	Plumbing Technology I (1 credit) AND Pipefitting Technology I (1 credit) <i>Prerequisite:</i> <i>Principles of Construction</i>	Plumbing Technology II (2 credits) <i>Prerequisite:</i> <i>Plumbing Technology I</i>	Practicum in Construction Technology (2 credits) <i>Prerequisite: 3 credits in the Plumbing and Pipefitting program including Plumbing Tech II</i>	Introduction to Welding (1 credit), Construction Technology I (2 credits), Applied Math for Technical Professionals (1 credit), Entrepreneurship (1 credit but taught in 1 semester)

Electrical Technology	Principles of Construction (1 credit)	Electrical Technology I (1 credit) <i>Prerequisite: Principles of Construction</i>	Electrical Technology II (2 credits) <i>Prerequisite: Electrical Technology I</i>	Practicum in Construction Technology (2 credits) <i>Prerequisite: 3 credits in the Electrical program including Electrical Technology II</i>	Introduction to Welding (1 credit), Construction Technology I (2 credits). Applied Math for Technical Professionals (1 credit), Entrepreneurship (1 credit but taught in 1 semester)
Interior Design (at Keller High School only)	Principles of Architecture (1 credit)	Interior Design I (1 credit) <i>Prerequisite: Principles of Architecture, Algebra I, and English I</i>	Interior Design II (2 credits) <i>Prerequisite: Interior Design I, English II, and Geometry</i>	Practicum in Architectural Design (2 credits) <i>Prerequisite: 3 credits in the Interior Design Program, including Interior Design II</i>	Architectural Design I (1 credit), Civil Engineering (1 credit)



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Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Design & Multimedia Arts	Principles of Arts, Audio/Video Technology and Communications (1 credit) OR Animation I (1 credit), OR Graphic Design and Illustration I (1 credit)	Choose 1 of the following courses: Animation I (1 credit), OR Graphic Design and Illustration I (1 credit) OR Animation II/Animation II Lab (2 credits), OR Graphic Design and Illustration II/Graphic Design and Illustration II Lab (2 credits)	Choose 1 of the following courses: Animation I (1 credit), Animation II/Animation II Lab (2 credits), Graphic Design and Illustration I (1 credit), Graphic Design and Illustration II/Graphic Design and Illustration II Lab (2 credits) OR Practicum in Animation (2 credits), Practicum in Graphic Design and Illustration (2 credits)	Choose 1 of the following courses: Animation II/Animation II Lab (2 credits), Graphic Design and Illustration II/Graphic Design and Illustration II Lab (2 credits), Practicum in Animation (2 credits), Practicum in Graphic Design and Illustration (2 credits) OR Practicum in Animation II (2 credits), Practicum in Graphic Design and Illustration II (2 credits)	Commercial Photography I (1 credit), Digital Media (1 credit), Social Media Marketing (.5 credit)
Digital Communications	Principles of Arts, Audio / Video Technology and Communications (1 credit) OR Audio / Video Production I (1 credit)	Audio / Video Production I (1 credit) OR Audio / Video Production II/ Audio/Video Production II Lab (2 credits)	Audio / Video Production II/ Audio/Video Production II Lab (2 credits) OR Practicum in Audio/Video Production (2 credits)	Practicum in Audio/Video Production (2 credits) OR Practicum in Audio/Video Production II (2 credits)	Commercial Photography I (1 credit) SR &D: UAV (1 credit)
Fashion Design	Principles of Arts, Audio / Video Technology and Communications (1 credit)	Fashion Design I (1 credit)	Fashion Design II/ Fashion Design II Lab (2 credits) <i>Prerequisite: Fashion Design I</i>	Practicum in Entrepreneurship (2 credits)	Fashion Marketing (.5 credit), Digital Media (1 credit), Entrepreneurship (1 credit but taught in 1 semester)



Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Business Management	Principles of Business, Marketing, and Finance (1 credit)	Choose 1 of the following courses: Business Information Management I (1 credit), Business Management (1 credit) <i>Prerequisite:</i> <i>Principles of Business, Marketing, and Finance</i>	Choose 2 of the following courses: Business Information Management I (1 credit), Business Information Management II (1 credit), Business Management (1 credit), Statistics and Business Decision Making (1 credit) <i>Prerequisite:</i> <i>Principles of Business, Marketing, and Finance and 1 additional business course</i>	Choose 2 or more credits from the following courses: Practicum in Business Management (2 credits), Business Management (1 credit), Statistics and Business Decision Making (1 credit) <i>Prerequisite:</i> <i>Algebra II</i> Career Preparation I/Extended Career Preparation (3 credits) <i>Prerequisite: 3 credits of business courses</i>	Entrepreneurship (1 credit but taught in 1 semester), Global Business (.5 credit), Money Matters (1 credit)

Business Communications*				
Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Debate	Debate I (1 credit)	Debate II (1 credit) OR Oral Interpretation I (1 credit) <i>Prerequisite:</i> <i>Debate I</i>	Debate III (1 credit) OR Oral Interpretation II (1 credit) <i>Prerequisite:</i> <i>2 credits in Debate pathway</i>	Independent Study in Speech (1 credit) <i>Prerequisite:</i> <i>3 credits in Debate pathway</i>
Broadcast Journalism	Contemporary Media (1 credit)	Advanced Broadcast Journalism I (1 credit) <i>Prerequisite:</i> <i>Contemporary Media</i>	Advanced Broadcast Journalism II (1 credit) <i>Prerequisite:</i> <i>Advanced Broadcast Journalism I</i>	Advanced Broadcast Journalism III (1 credit) <i>Prerequisite:</i> <i>Advanced Broadcast Journalism II</i>
Newspaper	Contemporary Media (1 credit)	Newspaper I (1 credit) <i>Prerequisite:</i> <i>Contemporary Media</i>	Newspaper II (1 credit) <i>Prerequisite: Newspaper I</i>	Newspaper III (1 credit) <i>Prerequisite: Newspaper II</i>
Yearbook	Contemporary Media (1 credit)	Yearbook I (1 credit) <i>Prerequisite:</i> <i>Contemporary Media</i>	Yearbook II (1 credit) <i>Prerequisite: Yearbook I</i>	Yearbook III (1 credit) <i>Prerequisite: Yearbook II</i>



Finance

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Accounting and Financial Services	Principles of Business, Marketing, and Finance (1 credit)	Accounting I (1 credit), <i>Prerequisite:</i> <i>Principles of Business, Marketing, and Finance</i>	Business Information Management I (1 credit) AND Accounting II (1 credit), <i>Prerequisite:</i> <i>Accounting I</i>	Practicum in Business Management (2 credits) <i>Prerequisite:</i> <i>3 credits of Business courses,</i>	Entrepreneurship (1 credit but taught in 1 semester), Global Business (.5 credit), Money Matters (1 credit), Statistics and Business Decision Making (1 credit)



Hospitality & Tourism

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Culinary Arts	Introduction to Culinary Arts (1 credit)	Culinary Arts (2 credits but taught in 1 period) <i>Prerequisite:</i> <i>Introduction to Culinary Arts</i>	Advanced Culinary Arts (2 credits) <i>Prerequisite:</i> <i>Culinary Arts</i>	Practicum in Culinary Arts (2 credits) <i>Prerequisite:</i> <i>Advanced Culinary Arts</i>	Lifetime Nutrition & Wellness (.5 credit)



Information Technology

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Networking Systems/Maintenance	Computer Maintenance (1 credit) <i>Prerequisite:</i> <i>None</i>	Networking/Networking Lab (2 credits) <i>Prerequisite:</i> <i>Computer Maintenance</i>	Practicum in Information Technology I: Networking Systems/Maintenance (2 credits) <i>Prerequisite:</i> <i>Computer Maintenance and Networking/Networking Lab</i>	Practicum in Information Technology II: Networking Systems/Maintenance (2 credits) OR Career Preparation I: Networking (2 credits) <i>Prerequisite:</i> <i>Practicum in IT I</i>	Digital Forensics (1 credit)



Manufacturing

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Welding	Introduction to Welding (1 credit)	Welding I (2 credits) <i>Prerequisite:</i> <i>Introduction to Welding</i>	Welding II (2 credits) <i>Prerequisite:</i> <i>Welding I</i>	Practicum in Manufacturing (2 credits) <i>Prerequisite:</i> <i>3 credits in the Welding program, including Welding II</i>	Construction Technology I (2 credits), Applied Math for Technical Professionals (1 credit)



Marketing

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Marketing	Principles of Business, Marketing & Finance (1 credit)	Advertising (.5 credit) AND Choose one or more of the following courses: Fashion Marketing (.5 credit), Sports & Entertainment Marketing (.5 credit), Social Media Marketing (.5 credit) <i>Prerequisite:</i> <i>Principles of Business, Marketing, & Finance</i>	Advanced Marketing (2 credits) <i>Prerequisite:</i> <i>2 credits of marketing courses</i>	Practicum in Marketing (2 credits) <i>Prerequisite:</i> <i>Advanced Marketing</i> AND/OR Statistics and Business Decision Making (1 credit) <i>Prerequisite:</i> <i>Algebra II,</i> OR Career Preparation I/Extended Career Preparation: Marketing (3 credits) <i>Prerequisite: 3 credits of Marketing courses</i>



Transportation, Distribution & Logistics

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Automotive	Automotive Basics (1 credit)	Automotive Technology I: Maintenance and Light Repair (2 credits) <i>Prerequisite:</i> <i>Automotive Basics</i>	Automotive Technology II: Automotive Service (2 credits) <i>Prerequisite:</i> <i>Automotive Technology I</i>	Choose 1 of the following: Practicum in Transportation Systems (2 credits) OR Career Preparation I: Auto (2 credits) OR Career Preparation I/ Extended Career Preparation: Auto (3 credits) <i>Prerequisite:</i> <i>Automotive Technology II</i>

Public Services Endorsement



Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Teaching and Training	Principles of Education and Training (1 credit)	Child Development (1 credit) <i>Prerequisite:</i> <i>Principles of Education & Training</i>	Instructional Practices (2 credits) <i>Prerequisite:</i> <i>Child Development</i>	Practicum in Education & Training (2 credits) <i>Prerequisite:</i> <i>3 credits of Teaching and Training courses</i>	Counseling and Mental Health (1 credit), Professional Communications (.5 credit), Psychology (.5 credit), Sociology (.5 credit)



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Program of Study Course Sequence	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Health Science: Biomedicine	Medical Terminology (1 credit)	Health Science Theory (1 credit)	Medical Microbiology (1 credit) AND Anatomy and Physiology (home campus) (1 credit) <i>Prerequisite: Health Science Theory, Biology, Chemistry</i>	World Health Research (1 credit) AND Pathophysiology (1 credit), OR Practicum in Health Science: PCT (2 credits) OR Practicum in Health Science: CMA (2 credits) <i>Prerequisite: 3 credits in Health Science Program</i>
Health Science: Clinical Rotations	Medical Terminology (1 credit)	Health Science Theory (1 credit)	Anatomy and Physiology (home campus) (1 credit) AND Practicum in Health Science I: Clinical Rotations (2 Credits) <i>Prerequisite: Health Science Theory, Biology, Chemistry</i>	Practicum in Health Science: PCT (2 credits) OR Practicum in Health Science: CMA (2 credits) <i>Prerequisite: 3 credits in Health Science Program</i>
Health Science: Certified Nursing Assistant (CNA)	Medical Terminology (1 credit)	Health Science Theory (1 credit)	Anatomy and Physiology (home campus) (1 credit) AND Practicum in Health Science I: CNA (2 credits) <i>Prerequisite: Health Science Theory, Biology, Chemistry</i>	Practicum in Health Science: PCT (2 credits) OR Practicum in Health Science: CMA (2 credits) <i>Prerequisite: 3 credits in Health Science Program</i>
Health Science: Emergency Medical Technician (EMT)	Medical Terminology (1 credit)	Health Science Theory (1 credit)	Anatomy and Physiology (home campus) (1 credit) AND Pathophysiology (1 credit) <i>Prerequisite: Health Science Theory, Biology, Chemistry</i>	Practicum in Health Science: EMT (2 credits) OR Practicum in Health Science: PCT (2 credits) OR Practicum in Health Science: CMA (2 credits) <i>Prerequisite: 3 credits in Health Science Program</i>

Health Science: Pharmacy	Medical Terminology (1 credit)	Health Science Theory (1 credit)	Anatomy and Physiology (home campus) (1 credit) AND Pharmacology (1 credit) <i>Prerequisite: Health Science Theory, Biology, Chemistry</i>	Practicum in Health Science: Pharmacy (2 credits), OR Practicum in Health Science: PCT (2 credits) OR Practicum in Health Science: CMA (2 credits) <i>Prerequisite: 3 credits in Health Science Program</i>
Health Science: Exercise Science and Sports Medicine	Medical Terminology (1 credit)	Health Science Theory (1 credit) AND Kinesiology I (1 credit)	Anatomy and Physiology (1 credit) <i>Prerequisite: Biology, Chemistry</i> AND Kinesiology II (TBD credit) <i>Prerequisite: Kinesiology I</i>	Practicum in Health Science I: Sports Medicine (2 credits), OR Practicum in Health Science: PCT (2 credits) OR Practicum in Health Science: CMA (2 credits) <i>Prerequisite: Sports Med II or Kinesiology II</i>





Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Cosmetology		Professional Communications (.5 credit) AND Entrepreneurship (1 credit but taught in 1 semester)	Principles of Cosmetology (1 credit) AND Cosmetology I (2 credits)	Cosmetology II (2 credits) AND Practicum of Human Services (2 credits) <i>Prerequisite: and Cosmetology I</i>

Reserve Officer Training Corp (ROTC)*				
Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Military Science	ROTC I (1 credit)	ROTC II (1 credit) <i>Prerequisite: ROTC I</i>	ROTC III (1 credit) <i>Prerequisite: ROTC II</i>	ROTC IV (1 credit) <i>Prerequisite: ROTC III</i>



Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Legal Studies	Principles of Law, Public Safety, Corrections, and Security (1 credit)	Court Systems and Practices (1 credit) <i>Prerequisite: Principles of Law & Public Safety</i>	Legal Research and Writing (1 credit) <i>Prerequisite: Court Systems and Practices</i>	Practicum in Law, Public Safety, Corrections, and Security: Legal (2 credits) <i>Prerequisite: 3 credits in the Law Program</i>
Law Enforcement: Police	Principles of Law, Public Safety, Corrections, and Security (1 credit)	Law Enforcement I (1 credit) <i>Prerequisite: Principles of Law & Public Safety</i>	Forensic Science (1 credit) AND Forensic Psychology (1 credit) <i>Prerequisite: Law Enforcement I, Biology, and Chemistry</i>	Practicum in Law, Public Safety, Corrections, and Security: Law (2 credits) <i>Prerequisite: 3 credits in the Law Program</i>

Science, Technology, Engineering, Math (STEM) Endorsement



Science,
Technology,
Engineering &
Mathematics

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Biology*	Biology (1 credit)	Chemistry (1 credit) <i>Required Prerequisite:</i> <i>1 Science and Algebra 1</i>	Physics (1 credit) AND Anatomy and Physiology (1 credit) <i>Prerequisite:</i> <i>2 credits in Science</i>	AP Biology (1 credit) <i>Prerequisite:</i> <i>3 credits in Science</i>
Chemistry*	Biology (1 credit)	Chemistry (1 credit) <i>Required Prerequisite:</i> <i>1 Science and Algebra 1</i>	Physics (1 credit) AND AP Biology (1 credit) <i>Prerequisite:</i> <i>2 credits in Science</i>	AP Chemistry (1 credit) <i>Prerequisite:</i> <i>3 credits in Science</i>
Environmental Science*	Biology (1 credit)	Chemistry (1 credit) <i>Required Prerequisite:</i> <i>1 Science and Algebra 1</i>	Physics (1 credit) AND Aquatic Science (1 credit) <i>Prerequisite:</i> <i>2 credits in Science</i>	Environmental Systems OR AP Environmental Science (1 credit) <i>Prerequisite:</i> <i>3 credits in Science</i>
Physics*	Biology (1 credit)	Chemistry (1 credit) AND AP Physics I (1 credit) <i>Required Prerequisite:</i> <i>1 Science and Algebra 1</i>	AP Physics II (1 credit) <i>Prerequisite:</i> <i>Physics I and Pre-Cal</i>	AP Physics C: Electricity and Magnetism (1 credit) OR AP Physics C: Mechanics (1 credit) <i>Prerequisite:</i> <i>Physics I and Pre-Cal</i>
Space Science*	Biology (1 credit)	Chemistry (1 credit) <i>Required Prerequisite:</i> <i>1 Science and Algebra 1</i>	Physics (1 credit) AND Earth and Space Science (1 credit) <i>Prerequisite:</i> <i>2 credits in Science</i>	Astronomy (1 credit) <i>Prerequisite:</i> <i>3 credits in Science</i>

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Cybersecurity	Computer Science Essentials (1 credit) <i>Prerequisite:</i> <i>Algebra I (completed or concurrent enrollment)</i>	Cybersecurity (1 credit) <i>Prerequisite:</i> <i>Computer Science Essentials</i>	Cybersecurity Capstone (1 credit) AND Digital Forensics (1 credit) <i>Prerequisite:</i> <i>Cybersecurity</i>	Practicum in Information Technology: Cybersecurity (2 credits) <i>Prerequisite:</i> <i>Cybersecurity Capstone and Digital Forensics</i>
Programming and Software Development	Computer Science I Honors (1 credit) <i>Prerequisite:</i> <i>Algebra I (completed or concurrent enrollment)</i>	AP Computer Science (2 credits but taught in 1 period) <i>Prerequisite:</i> <i>Computer Science I Honors</i>	Computer Science II (1 credit) AND Computer Science III (1 credit) <i>Prerequisite:</i> AP Computer Science	Practicum in Information Technology: Programming and Software Development (2 credits) <i>Prerequisite:</i> <i>Computer Programming II and III</i>

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Engineering	Introduction to Engineering Design (1 credit) <i>Prerequisite:</i> <i>Algebra I (completed or concurrent enrollment)</i>	Engineering Science (PLTW: Principles of Engineering) (1 credit) <i>Prerequisite:</i> <i>Introduction to Engineering Design, Algebra I, and Biology</i>	Choose 2 credits from the following 5 courses: Aerospace Engineering (1 credit), Digital Electronics (1 credit), Civil Engineering (1 credit), Environmental Sustainability (1 credit), Robotics I (1 credit), Scientific Research & Design: Introduction to Unmanned Aerial Vehicles (1 credit) <i>Prerequisite:</i> Engineering Science, Algebra I, and Geometry	Option 1: Practicum in Science, Technology, Engineering, and Math (2 credits) Option 2: Engineering Design and Problem Solving (PLTW: Engineering Design & Development) (1 credit) AND 1 credit from the following courses: Robotics II (1 credit), Computer Integrated Manufacturing (1 credit), Aerospace Engineering (1 credit), Digital Electronics (1 credit), Civil Engineering (1 credit), Environmental Sustainability (1 credit), <i>Prerequisite:</i> 3 credits in Engineering Program

Multidisciplinary Endorsement

Program of Study	9th	10th	11th	12th
Core Classes (sample pathway)	English 1 Algebra 1 Biology W. Geography	English 2 Geometry Chemistry** World History	English 3 Algebra 2 Physics** OR 3rd Science US History	English 4* 4th Math 4th Science Government/ Economics
Advanced CTE Courses***			Advanced CTE Credit 1 Advanced CTE Credit 2	Advanced CTE Credit 3 Advanced CTE Credit 4
Advanced Core Courses****		AP or Dual Credit Course 1	AP or Dual Credit Course 2	AP or Dual Credit Course 3 AP or Dual Credit Course 4
AVID*****	AVID 1 AND Honors Course(s)	AVID 2 AND AP or Dual Credit Course(s)	AVID 3 AND AP or Dual Credit Course(s)	AVID 4 AND AP or Dual Credit Course(s) AP or Dual Credit Course(s)

*Students *cannot* substitute English 4 for another 4th English option

**Students *must* take either Chemistry or Physics.

***Courses do not have to be in a coherent sequence nor within the same endorsement area. Advanced CTE courses are those offered by KISD in the 11th or 12th grade or those that fall under levels 3 and 4 of the [TEA Approved CTE Programs of Study](#)

****AP or Dual Credit courses must be in the areas of English, Math, Science, Social Studies, Languages Other Than English, or Fine Arts

*****AVID Courses alone do not earn an endorsement. Students must also complete one of the other KISD pathways listed in this guide



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Terminology

Accelerated courses: Middle school compacted curriculum courses that are designed to allow students access to a faster pace of curriculum in a given core content area.

Advanced courses: Advanced courses are middle school courses that allow students to dive deeper into the content to ensure a more rigorous interaction with the curriculum to help support their advanced path of learning into college-level courses before graduation.

Credit: A course that awards high school credit and is calculated into the high school grade point average. High school course numbers in this guide are listed as whole numbers, but when selecting courses, an A (fall semester) and B (spring semester) will be added to the end of each course number for scheduling purposes. Half credit courses will not have an A or B added. For example, 1275 Spanish I will be 1275A and 1275B, but Creative Writing will remain 2551.

Elective: A course that a student chooses to take, although it is not specifically required.

EOC: End of Course. A subject specific exam required for student earning high school credit. Ex: Algebra I.

GPA: Grade Point Average. A grade point average is calculated at the end of the year for all of the eligible high school credit courses a student takes. Students who take high school credit courses in middle school will have their grades calculated into the grade point average.

Honors courses: High school college preparatory courses that are designed to provide students with the necessary skills to be successful in Dual Credit and AP courses. In KISD, these skills together with the Texas Essential Knowledge and Skills (TEKS) comprise the syllabi for Honors courses.

House Bill 5: House Bill 5 was signed into law in the summer of 2013 and one of its provisions was to change high school graduation plans for all students who enter high school during the 2014-15 school year and thereafter. The bill provides more flexibility for high school students to pursue either higher education or a career. A single graduation plan, the Foundation High School Program (FHSP), was established. Students will also have the opportunity to build on the FHSP by earning Endorsements, Performance Acknowledgements, and a Distinguished Level of Achievement (DLA).

Prerequisite: A requirement that must be met in order to take a specific course.

Required Course: A specific course that a student must take and pass to be promoted to the next grade and ultimately to graduate from high school.

Semester: An 18-week segment of the 36-week school year. Two semesters make up the school year on the middle school level.

STAAR: State of Texas Assessment of Academic Readiness. This is a state mandated testing program.

STEM: Science, Technology, Engineering, and Math.

TEDS: Texas Education Data Standards. The statewide curriculum mandated by the State Board of Education.

Grade 7

English Language Arts

Middle School English Course Sequencing

Student levels are to be used by parents, teachers, and counselors to help make course decisions. It is strongly encouraged that parents and students consider the information under “Student Levels” when making course choices.

Student Levels	7 th Grade	8 th Grade
Approaching Level: <ul style="list-style-type: none"> I passed ELA class (70-75 average). I passed Reading STAAR at Approaches Grade Level. I failed ELA class. I failed Reading STAAR. 	<i>English Language Arts, Grade 7</i>	<i>English Language Arts Grade 8</i>
	<i>Reading Styles is offered as an elective course for students who have failed STAAR Reading.</i>	
On Level: <ul style="list-style-type: none"> I passed ELA class. I passed Reading STAAR at Meets Grade Level. 	<i>English Language Arts, Grade 7</i>	<i>English Language Arts Grade 8</i>
Beyond Level: <ul style="list-style-type: none"> I passed ELA class with 85-100. I passed the Reading & Writing STAAR at Master’s Grade Level. 	<i>English Language Arts 7th/8th Accelerated</i> <i>This course is a combination of 7th and 8th skills.</i>	<i>English I Honors, Grade 8</i> <i>English I courses are for high school credit and will be calculated in the student’s GPA.</i> <i>Students will take English I EOC.</i>
Limited English Proficiency: <ul style="list-style-type: none"> I have been identified as limited in English proficiency through LPAC 	<i>Sheltered English Language Arts Grade 7</i> <i>*With LPAC approval</i>	<i>Sheltered English Language Arts Grade 8</i> <i>*With LPAC approval</i>
Fundamental Level: <ul style="list-style-type: none"> I have an IEP. I require alternate curriculum to learn prerequisite skills. 	<i>Fundamentals of English Language Arts, Grade 7</i>	<i>Fundamentals of English Language Arts, Grade 8</i>
Basic Level: <ul style="list-style-type: none"> I have an IEP. I require modified curriculum. 	<i>Basic English Language Arts, Grade 7</i>	<i>Basic English Language Arts, Grade 8</i> <i>Reading Styles</i>

English Language Arts, Grade 7

Course: 0171

TEDS: 03200520

Language Arts, Grade 7 instruction emphasizes self-selected reading in a variety of genres, creating compositions for a wide variety of purposes, and integrating inquiry and cultural relevance in a two-period block of instruction. Driven by the study of author's purpose and craft, foundational language skills are developed within the context of reading and writing. Students will engage in a deep study into text structure throughout the year, including ways readers use structure to navigate texts, and writers design structures to strengthen purpose.

English Language Arts 7th/8th Accelerated, Grade 7

Course: 0174

TEDS: 03200520

This course compacts and accelerates the content of 7th and 8th grade and emphasizes literary analysis, authentic inquiry, and writing for real audiences. Students read more complex literary and informational texts with special emphasis on analytical response and author's craft. Self-selected independent reading is critical, as well as collective study of mentor texts across genre and book clubs in culturally relevant texts. This challenging class prepares students for entering English I Honors in 8th grade.

ESL I – Sheltered English Language Arts, Grade 7

Course: 4570

TEDS: 03200400

ESL I – Language Arts, Grade 7 instruction emphasizes reading a variety of genres, writing a wide variety of compositions, and integrating research and presentation skills in a two period block of instruction. Students learn grammar, usage, vocabulary, and other English language skills within the context of reading and writing. Integrated multi-cultural literature studies are used as stimuli or models for writing as well as to promote literary analysis skills. **English language learners must be tested and/or placed into the class with LPAC permission.**

Reading Styles

Course: 0670

TEDS: 03273420

Reading Styles, a full-year course, is required for students who are reading below grade level as indicated on most recent state assessment results. Students learn strategies to assist with word identification, word meaning, fluency, and reading for a variety of purposes. Instruction includes summarizing written texts and analyzing information to make inferences and generalizations. In preparation for state assessment, students practice with informational, functional, and narrative passages. In addition, students work on vocabulary development. Students enroll in Reading Styles in addition to 7th grade English Language Arts. Placement in Reading Styles is based on the recommendation of the SIT team.

Basic English Language Arts, Grade 7

Course: M0171

TEDS: 03200520

Prerequisite: ARD decision

Basic English Language Arts, Grade 7 is a modified TEKS curriculum designed to address the individual learning of special need students which focuses on basic English skills derived from the students' IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Fundamentals of English Language Arts, Grade 7

Course: T0171

TEDS: 03200520

Prerequisite: ARD decision

Course work will focus on expressive receptive language in oral and written communication. Fundamentals of English Language Arts will assist students in developing skills in the areas of expressive, receptive, written, and representations of language. Attention is given to the ability to communicate effectively, within the range of student's abilities. Students will integrate language to understand oral, written, and symbolic communication. Oral and written language will be used to express ideas, demands, and needs, and to make inquiries. Fundamentals of English Language Arts will be examined regarding social appropriateness, environmental cues and prompts, understanding generalizations in real life context, the responsibilities of independent living, and skills related directly to employment. *Course is double-blocked.*



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Mathematics

Middle School Math Sequencing

Student levels are to be used by parents, teachers, and counselors to help make course decisions. It is strongly encouraged that parents and students consider the information under “Student Levels” when making course choices.

Student Levels	6th Grade	7th Grade	8th Grade
Academic Level with support in Math Quest: <ul style="list-style-type: none"> I maintained a class average below 70. AND/OR I did not reach Approaches Level on prior year STAAR. 	6 th Grade Math, Academic	7 th Grade Math, Academic + Math Quest <i>Math Quest is offered as an additional, elective course for students who did not reach Approaches level on the prior year STAAR .</i>	8 th Grade Math, Academic + Math Quest <i>Math Quest is offered as an additional, elective course for students who did not reach Approaches level on the prior year STAAR .</i>
Academic Level: <ul style="list-style-type: none"> I maintained a class average of 70-85. I received Approaches or higher on prior year STAAR. 	6 th Grade Math, Academic	7 th Grade Math, Academic* *Students who strongly excel in 6 th Grade Math, Academic may move to 7 th Grade Accelerated Math	8 th Grade Math, Academic
Accelerated Level: <ul style="list-style-type: none"> I maintained a class average of 85 - 100. I received Master’s Grade Level on prior year STAAR. 	6 th Grade Accelerated <i>This course will cover the 6th grade and a portion of the 7th grade standards.</i> <i>Students will take the 6th grade STAAR</i>	7 th Grade Accelerated <i>This course covers all the 7th grade as well as all of the 8th grade standards.</i> <i>Students will take the 8th grade STAAR</i>	Algebra I, Algebra I Honors <i>Prerequisite: 7th Grade Accelerated Math or 8th Grade Math</i> <i>Algebra I courses are for high school credit and will be calculated in the student’s GPA.</i> <i>Students will take Algebra I EOC.</i>
For students pursuing the Nursing RN, Nursing LVN, or Surgical Tech path at Collegiate Academy: Accelerated Level: <ul style="list-style-type: none"> I maintained a class average of 85-100. I received Master’s Grade Level on prior year STAAR. 	6 th Grade Accelerated <i>This course will cover the 6th grade and a portion of the 7th grade standards.</i> <i>Students will take the 6th grade STAAR</i>	7 th Grade Accelerated <i>This course covers all of the 7th grade as well as all of the 8th grade standards.</i> <i>Students will take the 8th grade STAAR</i>	Compacted Algebra I/Algebra II Honors (at KCA only) <i>Prerequisite: 7th Grade Accelerated Math or 8th Grade Math</i> <i>Both Algebra I and Algebra II are for high school credit and will be calculated in the student’s GPA</i> <i>Students will take Algebra I EOC.</i>

Pathway for students who have completed K-4 Hybrid Math (Tribal and Charger Feeder Patterns)			
5th Grade	6th Grade	7th Grade	8th Grade
<p><i>6th Grade Accelerated</i></p> <p><i>This course will cover the 6th grade and a portion of the 7th grade standards.</i></p> <p><i>Students will take the 6th grade STAAR</i></p>	<p><i>7th Grade Accelerated</i></p> <p><i>These courses cover all of the 7th grade as well as all of the 8th grade standards.</i></p> <p><i>Students will take the 8th grade STAAR</i></p>	<p><i>Algebra I Honors</i></p> <p><i>Prerequisite: 7th Grade Accelerated Math</i></p> <p><i>Algebra I courses are for high school credit and will be calculated in the student's GPA.</i></p> <p><i>Students will take Algebra I EOC.</i></p>	<p><i>Geometry Honors</i></p> <p><i>Prerequisite: Algebra I</i></p> <p><i>Geometry courses are for high school credit and will be calculated in the student's GPA.</i></p> <p><i>Students will take the 8th grade STAAR</i></p>

Mathematics, Grade 7 Academic

Course: 0271

TEDS: 03103000

7th grade math focuses on grade-level TEKS which include the content strands of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. This course also guides students in developing skills such as problem solving, estimation, and communicating mathematical ideas.

Mathematics Accelerated, Grade 7

Course: 0273

TEDS: 03103000

Students who maintained a 85 - 100 average in 6th grade math and passed the Math STAAR at the Masters Grade Level are recommended for enrollment in this course. ***Accelerated 7th grade math covers all of 7th grade TEKS as well as all of 8th grade TEKS.*** Students who successfully complete this course will have met the prerequisites for enrollment in Algebra 1 in 8th grade. 7th Grade TEKS include the content strands of number and operations; proportionality; expressions, equations, and relationships; and measurement and data, while 8th grade math focuses on preparation for Algebra 1 with an emphasis on expressions and equations, along with foundations of functions and proportionality. This course also guides students in connecting multiple representations of relationships and communicating mathematical ideas.

Quest Math, Grade 7**Course:** 0680**TEDS:** 82920XXX

Quest Math, Grade 7 is designed to provide additional support on grade-level standards as well as on any essential prior grade-level standards for students who did not score at the Approaches level or higher on the 6th grade STAAR test. Students will experience math in a variety of ways, including small group instruction and additional hands-on activities. Students in Quest Math are concurrently enrolled in Math, Grade 7. Placement in this course is based on the recommendation of the Student Intervention Team.

Basic Mathematics, Grade 7**Course:** M0271**TEDS:** 03103000**Prerequisite:** ARD decision

Modified Mathematics is a modified TEKS curriculum designed to reinforce math operations using a variety of practical, real-life situations that facilitate the understanding of using mathematics in daily living exercises. This course focuses on the basic math skills derived from the student's IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Fundamentals of Mathematics, Grade 7**Course:** T0271**TEDS:** 03103000**Prerequisite:** ARD decision

Instruction will focus on consumer awareness of basic math skills and how it relates to community and independent needs. These courses are designed to reinforce math operations using a variety of practical, real-life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on applying mathematics in the use of money, personal financial situations, and solving home and work problems by using the concepts of fundamental mathematics. Students practice these strategies within the context of simulation designed to reinforce the understanding of basic operations, as well as the application of these operations within technological tools that enhance understanding and accuracy.

Science

Science, Grade 7

Course: 0371

TEDS: 03060700

Science, Grade 7 is a course that is interdisciplinary in nature that focuses on life science with an integration of chemistry, physics, and earth science. The concepts include scientific investigations and reasoning; matter and energy in a living system; force, motion, and energy observed in a living system; and environmental interactions.

Science Honors, Grade 7

Course: 0372

TEDS: 03060700

Science Honors, Grade 7 covers the Science, Grade 7 curriculum while further developing skills, in-depth discussions, and more comprehensive lab work. Topics such as osmosis, cellular transportation, DNA structure, and additional environmental interactions are covered. This course will prepare students for a deeper understanding of biological systems. **Concurrent enrollment in Mathematics Honors, Grade 7 is recommended.**

Basic Science, Grade 7

Course: 9371

TEDS: 03060700

Prerequisite: ARD decision

Basic Science is a course with modified TEKS curriculum to address the individual learning needs derived from the student's IEPs (Individual Education Plan).

Fundamentals of Science, Grade 7

Course: T0371

TEDS: 03060700

Prerequisite: ARD decision

Science 7: Science related to home, school, and community will be investigated through the use of activity-based studies. Science courses study science-based concepts that are related specifically to independent daily living and employment. Attention is given to relation of science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities.

Social Studies

Social Studies, Grade 7

Course: 0471

TEDS: 03343000

Students will study the history of Texas from early times to the present. Students examine the key individuals, events, and issues of Texas history, including Natural Texas and its People; Age of Contact; Spanish Colonial; Mexican National; Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Cotton, Cattle, and Railroads; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas eras. Students will also study the structure and functions of municipal, county, and state governments, explaining the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. A collection of primary and secondary sources will be used to examine the rich and diverse cultural background of Texas and its people.

Social Studies Honors, Grade 7

Course: 0472

TEDS: 03343000

Includes the basic understanding of the Social Studies, Grade 7 curriculum with added rigor, depth, global connections, and expectations of sophistication in student work. Please note that there is a strong expectation that all of the students in an Honors social studies program are preparing for Dual Credit or Advanced Placement in one or more of the following: World History, U.S. History, Government, Economics, Human Geography, and European History.

Basic Social Studies, Grade 7

Course: 9471

TEDS: 03343000

Prerequisite: ARD decision

Basic Social Studies is a course with modified TEKS curriculum to address the individual learning needs derived from the student's IEPs (Individual Education Plan).

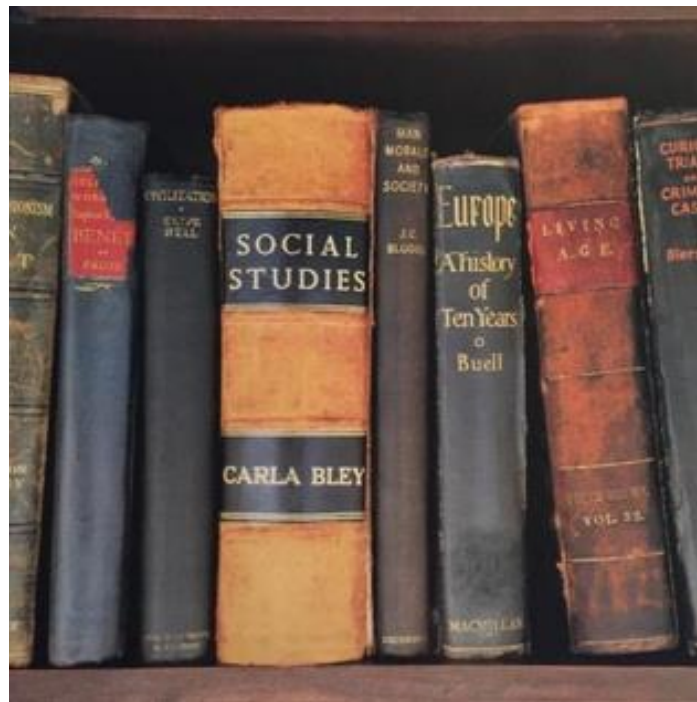
Fundamentals of Social Studies, Grade 7

Course: T0471

TEDS: 03343000

Prerequisite: ARD decision

Instruction will focus on the student's home and school. Map skills will be introduced and developed using a variety of activities. Social Studies courses will enable the student to define their rights, privileges and responsibilities within the school, community, and employment settings. Concepts include voting, laws and consequences of unlawful behavior, honesty, integrity, community volunteerism, rules, and regulations. Students are instructed on how to be productive and safe in a variety of community situations including employment. Students will become familiar with the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community and/or organization. History studies will provide a survey of the history and development of our world's areas and cultures with emphasis on social, cultural, economic and political developments of the United States of America.



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Physical Education

Two semesters of physical education OR one year of athletics is required while in middle school.

Athletics

Boys	Girls
Course: 0970	Course: 0870
TEDS: 03823000	TEDS: 03823000
Football, Basketball, Cross Country, Track, and Tennis	Volleyball, Basketball, Cross Country, Track, and Tennis

Athletics is open to 7th and 8th grade students interested in an extra-curricular activity through competitive sports with a coach's signature. The Keller ISD middle school athletic program focuses on teaching fundamental skills, building positive self-image, teamwork, goal setting, discipline, and includes a comprehensive off-season program designed to give the young athlete a sturdy foundation for future athletic endeavors. Tryouts are given for each sport when necessary.

Practices are before school and 1st period for 7th grade athletics and last period and after school for 8th grade athletics. Those athletes whose sport is not in season participate in an off season conditioning program. All students enrolled in athletics must participate in at least one sport. Participants must have completed and turned in the UIL athletic participation packet during the spring prior to the upcoming school year.

Each spring, prior to registration, coaches meet with athletes and parents to discuss the Keller ISD athletic program in detail and to answer any questions about competitive athletics, district sport safety guidelines, UIL regulations, registration deadlines, academic requirements, and the athletic code of conduct.

Physical Education

Course: 0705

TEDS: 03823000

This course is designed to enable students to have a broad base of athletic activities. Emphasis is placed on lifetime activities as well as individual, dual, and team sports. Students will gain knowledge and understanding of physical fitness, history and rules of various sports, wellness behavior, and proper social conduct. In addition, students will exhibit increased coordination, agility, flexibility, endurance, balance, speed, and power.

Tennis

Course: 0709

TEDS: 03823000

Students will learn the fundamental skills and rules used in regulation tennis. The class is designed to develop skills and an appreciation for the sport. Once interest and fundamental skills have developed, students may want to advance to competition level or play tennis as a lifelong athletic activity.

Unified P.E.

Course: 5790

TEDS: 03823000

Unified P.E. is a success oriented physical education course for students with special needs and peer partners. This course can be taken for physical education credit or as an elective. Unified P.E. will enhance the existing academic schedule by offering a class that includes students with disabilities and students without disabilities working together to encourage physical activity while developing respect for one another. This course promotes physical activity, acquisition of individual lifetime wellness skills, team sports, and recreational activities while fostering relationships and developing leadership skills in the peer partners. ***Application required.***

The goals of the Unified P.E. course:

- To meet the physical education requirement for the students with disabilities in an environment of support and partnership, to increase their social skills, create friendships, and build self-esteem.
- To meet the physical education requirement for the students without disabilities, to develop leadership skills, to learn to interact and develop respect and empathy for their peers with disabilities and to understand from first-hand experience the expectations for careers working with individuals with special needs.



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Full-Year Electives

Art, Level I

Course: 2352

TEDS: 03154110

This course is for beginning art students, focusing on the elements of design such as line, shape, form, texture, space, value, and color. Art I is an introduction to drawing, painting, and art history will be integrated throughout the year. Students will learn to communicate through art using a variety of mediums. This class will prepare the student for advanced art class offered at the 8th grade level.

Unified Middle School Art

Course: 2364

TEDS: 031541110

Unified Art is a success-oriented course for students with an IEP and general education peer partners. Each general ed. student is uniquely matched with a student with specific learning needs. During the first week of class, training will be provided to prepare the general ed. partner to be successful in their partnership role. Unified Art is focused on building independence, community, empathy, management skills, and artistic growth in a visual art learning environment for students of all levels. Opportunities to explore a variety of art areas of study may include drawing, painting, sculpture, fibers, design, and art history. Unified Art emphasizes leadership skills in making connections in a partnership which may appeal to future educators, counselors, healthcare workers or career coaches and advocates.

Fundamentals of Art, Grade 7

Course: T2352

TEDS: 03154110

Prerequisite: ARD decision

The Applied Arts course will introduce to the student the basic skills and concepts which will enable the student to explore life around them in new ways. Through the applied arts, the students will increase their problem solving skills, sharpen their communication skills, and participate in cooperative learning activities.

AVID 7

Course: 0810

TEDS: 82990XXX

AVID is an elective course designed for students who are college bound. Students learn strategies to ensure success in rigorous college preparatory course work. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) through both teacher-led and tutor-led activities. AVID students learn to work cooperatively as a support system for each other and gain confidence in their own abilities while learning to assist their peers. Time management techniques and personal organization and study skills are also developed. A student who participates in the AVID elective is not required to be enrolled in Advisory. ***Application and interview process required.***

Band

Course: 1050

TEDS: 03154130

Prerequisite: 6th grade band or instructor approval

This is a continuing course designed to further develop instrumental music instruction for students who have previously played a brass, woodwind, or percussion instrument. Students will have competitive opportunities which include solo and ensemble contests, UIL contests, and All Region/All District band auditions. Students will not only receive instruction on using correct embouchure, hand position, posture, breathing, and articulations but will also learn advanced fingerings, scales, vibrato, and music terminology. Individual practice outside of school hours is expected and a few outside rehearsals and performances are required.

Choir

Course: 1051

TEDS: 03154131

Choir has a place for all students who enjoy singing and performing. Students will learn about correct vocal productions, proper stage presence, and reading music. All choirs will perform in concerts and contests. Solo and ensemble contest, UIL organizational contest, and All-Region auditions offer additional performance opportunities for students to participate at a more competitive level. Individual practice outside of school hours is expected, and a few outside choir rehearsals are required. Students will perform many styles of music including traditional, folk, pop, Broadway, and rock. Choir performance attire is required.

Orchestra I/II

Course: 722 / 1007

TEDS: 03154132 / 03154232

Orchestra provides students with training in the proper care of stringed instruments and the fundamentals of instrumental musicianship. Instrumental technique, history, and theory concepts are discussed and applied through the study and performance of appropriate literature. Leadership, responsibility, cooperation, self-discipline, and concentration are stressed. Individual practice outside of school hours is expected and a few outside rehearsals and performances are required.



PALS

Course: 3700

TEDS: 85000XXX

The PALS course offers selected 7th and 8th grade middle school students the opportunity to work in community service, peer and cross-age mentoring, and as trained mediators to assist other students in resolving their conflicts in a peaceful way. PALS students select and design a community service project that can be completed in the classroom with an emphasis on helping the surrounding community. Participants serve as mentors for the campus feeder schools in providing PALS students the opportunity to develop their own talents and communication skills while helping younger students who need an older positive role model, and extra attention at school. The program also provides newly enrolled with a trained student who helps them make the transition to the new campus. The course allows PALS students to work as trained peer mediators by providing 4 to 6 weeks of specialized and ongoing training in conflict mediation. The course is designed to develop leadership, communication, and interpersonal skills in PALS student. PALS student selection involves an application process in which prospective PALS students fill out an application, seek recommendations from current and former teachers, and participate in an interview with PALS trained staff members. The course is offered as a local credit elective on a 36-week schedule. *Application required.*

Spanish I

Course: 1275

TEDS: 03440100

High School Credit: 1

Students *do not* need prior knowledge of the language to enroll in Spanish I. With communication being the overarching goal, this course begins the study of the Spanish language and culture in an interactive atmosphere. Through the use of projects, presentations, games, authentic material, peer to peer interaction, direct instruction, and other fun activities, students will do the following: engage in direct oral and written communication with others, demonstrate an understanding of spoken and written communication, present to an audience, and make comparisons of the Spanish language and culture with their own. Students in Level I are expected to reach a proficiency level of Novice Mid to Novice High by the end of the course of study. Upon successful completion of the course, students are encouraged to enroll in Spanish II. **Students who successfully complete this course receive high school credit.*

Spanish I Honors

Course: 0838

TEDS: 03440100

High School Credit: 1

Students *do not* need prior knowledge of the language to enroll in Spanish I Honors. Spanish I Honors covers the Spanish I curriculum, but goes into added depth with the Spanish language while engaging in AP style questioning, responses, and tasks. This course begins preparing students for Advanced Placement (AP) courses which provide students the opportunity to earn college credit after successful completion of the corresponding AP exam. Students in Level I Honors are expected to reach a proficiency level of Novice Mid to Novice High by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in Spanish II Honors.

**Students who successfully complete this course receive high school credit.*

Theatre, Level I**Course:** 2572**TEDS:** 03154140

This class is for students who have an interest in learning about all aspects of the theatre. Students will have the opportunity to participate in various class activities while learning about acting techniques, theatre history, and methods of production associated with the theatre.

Unified Middle School Theatre I**Course:** 7804**TEDS:** 03154140

Unified Theatre is a success-oriented course for students with an IEP and general education peer partners. Each general ed. student is uniquely matched with a student with an IEP. During the first week of class, training will be provided to prepare the general ed. partner to be successful in their partnership role. Unified Theatre is focused on building independence, community, empathy, management skills, and artistic growth in a theatre arts learning environment for students of all levels. Opportunities to explore a variety of theatrical areas of study may include puppetry, character development, creative movement, voice, diction, costuming, make-up, and theatre history. Unified Art emphasizes leadership skills in making connections in a partnership which may appeal to future educators, counselors, healthcare workers or career coaches and advocates.

Activities for Daily Living, Grade 7**Course:** T6040**TEDS:** 82990XXX**Prerequisite:** ARD decision

This course is developed to integrate the domestic, recreation, leisure, school, and community domains. Students investigate through activity based sessions, a variety of activities associated with the daily living experience. Organizing a daily routine and schedule will serve the students in their process of taking charge of independent living. Students will study areas of cooking, safety, leisure, chores, duties, responsibilities, budget, time management, first aid, and communication. Personal safety and responsibility will be examined in response for taking care of one's self, others, and/or pets. Health care, transportation, telephone skills and appropriate recreation activities are addressed in the context of developing a full capacity living experience. Students will develop strategies to respond to potential emergencies that may appear in the process of daily living.

Basic Study Skills**Course:** 975**TEDS:** 85000XXX**Prerequisite:** ARD decision

Description: This is year-long course that focuses on the direct teaching, generalization and maintenance of social skill development, improvement of executive functioning/organizational skills, technology applications and self-advocacy.

Community Skills**Course:** 976**TEDS:** 85000XXX**Prerequisite:** Eligible for LIFE Skills 2/3 and/or STACC 2/3 by ARD Committee

Coursework included critical skills necessary for independent functioning in a variety of community environments including pre-vocational skills, social skills, functional communication for community involvement, self-advocacy and/or safety.

Semester Electives

Conversational Spanish

Course: 2550

TEDS: 03443000

This course is *not* a prerequisite for Spanish I or Spanish I Honors. This course exposes students to the language and culture at a basic level through the use of music, games, authentic material, peer to peer interaction, and other teacher-led activities. Within this course, students will do the following: participate in highly predictable contexts through the use of memorized and recalled words and phrases, demonstrate understanding of simple, clearly spoken and written language, engage in direct oral or written communication with others in a low risk environment, and socialize with peers in the Spanish language in order to obtain information. This course provides a great avenue for students to discover a passion for the Spanish language!

Creative Writing

Course: 2551

TEDS: 85000XXX

This course will provide opportunities for students to enhance writing skills. Creative writing includes poems, plays, science fiction, publishing, literary appreciation, and other forms of writing.

College and Career Readiness

Course: 1299

TEDS: 12700300

The goal of this course is to create a culture high expectation and continuous improvement that provides middle school students with a foundation for success in high school, future studies, and careers. Students explore college and career planning within specific career clusters. The students research labor market information, learn job seeking skills, and create documents required for employment. Students use self-knowledge to explore and set realistic goals.

Investigating Careers: Intro to Audio/Video Production

Course: 1370

TEDS: 12700400

Intro to audio/video production is an entry-level course that will serve as an introduction to basic video/film/audio production. The goal of the course is for the student to develop the ability to capture great video images and audio, and to be able to edit those two elements together to tell a story. During the course, each student will be taught: The basic understanding of operating a video camera, the basic principles of how to capture great video and audio, how to edit video and audio and how to tell a story by combining video and audio.

Speech Communications

Course: 2552

TEDS: 03243620

This is an activity-based class that allows students to become better speakers in both formal and informal situations. The students learn to speak in front of a group, interact within a group, and improve their research skills. Students will learn skills through organization, practice, delivery, self-evaluations, and technology.

Touch System Data Entry

(VIRTUAL CLASS)

Course: Z0828

TEDS: 13011300

High School Credit: .5

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents.

STEM, Grade 7

Design and Modeling: Gateway to Technology 1

Course: 0856

TEDS: N1303756

High School Credit: .5

In the Design and Modeling (DM) unit, students discover the design process and develop and understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they have learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy. *Students who successfully complete this course will receive high school credit.*

Magic of Electrons/Medical Detective: Gateway to Technology 2

Course: 0857

TEDS: N1303757

High School Credit: .5

In the Magic of Electrons (ME) unit, students explore electricity, the behavior and parts of atoms, and sensing devices through hands-on projects. They learn knowledge and skills in basic circuitry design and examine the impact of electricity on the world around them. In Medical Detective, students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction. *Students who successfully complete this course will receive high school credit.*

Grade 8

English Language Arts

Middle School English Course Sequencing

Student levels are to be used by parents, teachers, and counselors to help make course decisions. It is strongly encouraged that parents and students consider the information under “Student Levels” when making course choices.

Student Levels	7 th Grade	8 th Grade
Approaching Level: <ul style="list-style-type: none"> I passed ELA class (70-75 average). I passed Reading STAAR at Approaches Grade Level. I failed ELA class. I failed Reading STAAR. 	<i>English Language Arts, Grade 7</i>	<i>English Language Arts, Grade 8</i>
	<i>Reading Styles is offered as an elective course for students who have failed STAAR Reading.</i>	
On Level: <ul style="list-style-type: none"> I passed ELA class. I passed Reading STAAR at Meets Grade Level. 	<i>English Language Arts, Grade 7</i>	<i>English Language Arts, Grade 8</i>
Beyond Level: <ul style="list-style-type: none"> I passed ELA class with 85-100. I passed the Reading & Writing STAAR at Masters Grade Level. 	<i>English Language Arts 7th/8th Accelerated</i> <i>This course is a combination of 7th and 8th skills.</i>	<i>English I Honors, Grade 8</i> <i>English I courses are for high school credit and will be calculated in the student's GPA.</i> <i>Students will take English I EOC.</i>
Limited English Proficiency: <ul style="list-style-type: none"> I have been identified as limited in English proficiency through LPAC 	<i>Sheltered English Language Arts Grade 7</i> <i>*With LPAC approval</i>	<i>Sheltered English Language Arts Grade 8</i> <i>*With LPAC approval</i>
Fundamental Level: <ul style="list-style-type: none"> I have an IEP. I require alternate curriculum to learn prerequisite skills. 	<i>Fundamentals of English Language Arts, Grade 7</i>	<i>Fundamentals of English Language Arts, Grade 8</i>
Basic Level: <ul style="list-style-type: none"> I have an IEP. I require modified curriculum. 	<i>Basic English Language Arts, Grade 7</i>	<i>Basic English Language Arts, Grade 8</i> <i>Reading Styles</i>

English Language Arts, Grade 8

Course: 0181

TEDS: 03200530

Language Arts, Grade 8 instruction emphasizes self-selected reading in a variety of genres, creating compositions for a wide variety of audiences, and integrating inquiry and cultural relevance. Driven by response to author's craft, foundational language skills are reinforced within the context of reading and writing. Students will engage in analysis of text structure throughout the year, including the effectiveness of multiple structures for various audiences and purposes.

English I Honors, Grade 8

Course: 0185

TEDS: 03220100

High School Credit: 1

English I Honors, Grade 8 instruction emphasizes independence in deep text analysis, authentic inquiry on a variety of topics, and honing author's craft by writing for various audiences and purposes. Students read sophisticated literary and informational texts with special emphasis on analysis of text elements and the interactions among those elements. Self-selected independent reading is critical, as well as collective study of mentor texts across genre and book clubs in culturally relevant texts. This challenging class prepares students for entering English II Honors in 9th grade by focusing on skills required for success in Dual Credit and on the Advanced Placement Exam. Students will receive high school credit with Honors weight.

ESL II – Sheltered English Language Arts, Grade 8

Course: 4580

TEDS: 03200500

ESL II – Language Arts, Grade 8 concentrates on writing compositions and grammar components. Instruction includes research skills, literacy analysis, and writing for purpose. In addition, students are required to meet specific independent reading requirements. Integrated studies and literary elements related to multi-cultural novels, drama selections, short stories, and folklore are incorporated into the curriculum. **English language learners must be tested and/or placed into the class with LPAC permission.**

Reading Styles

Course: 0671

TEDS: 03273430

Reading Styles, a full year course, is required for students who are reading below grade level as indicated on most recent state assessment results. Students will learn strategies to assist with word identification, meaning, fluency, and reading for varied purposes. Instruction will include summarizing written texts and analyzing information in order to make inferences and generalizations. In preparation for the state assessment, students practice with informational, functional, and narrative passages. In addition, students work on vocabulary development and comprehension. Students enroll in Reading Styles in addition to English Language Arts, Grade 8. Placement in Reading Styles is based on the recommendation of the SIT team.

Basic English Language Arts, Grade 8

Course: M4031

TEDS: 03273430

Prerequisite: ARD decision

Basic English Language Arts, Grade 8 is a modified TEKS curriculum designed to address the individual learning of special need students which focuses on basic reading skills derived from the student's IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Basic English, Grade 8

Course: M0181

TEDS: 03200530

Prerequisite: ARD decision

Basic English, Grade 8 is a modified TEKS curriculum designed to address the individual learning of special need students which focuses on basic English skills derived from the students' IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Fundamentals of English Language Arts, Grade 8

Course: T0181

TEDS: 03200530

Prerequisite: ARD decision

Course work will focus on expansion of language skills and basic written formal communication. Fundamentals of English Language Arts will assist students in developing skills in the areas of expressive, receptive, written, and representations of language. Attention is given to the ability to communicate effectively, within the range of student's abilities. Students will integrate language in order to understand oral, written, and symbolic communication. Oral and written language will be used to express ideas, demands and needs, and to make inquiries. Fundamentals of English Language Arts will be examined in regards to social appropriateness, environmental cues and prompts, understanding generalizations in real life context, the responsibilities of independent living, and skills related directly to employment.

Fundamentals of Reading, Grade 8

Course: T4031

TEDS: 03273430

Prerequisite: ARD decision

Alternate reading is a modified TEKS curriculum designed to address the individual learning of special need students which focuses on basic reading skills derived from the student's IEP (Individual Education Plan) goals and objectives.



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Mathematics

Middle School Math Sequencing

Student levels are to be used by parents, teachers, and counselors to help make course decisions. It is strongly encouraged that parents and students consider the information under “Student Levels” when making course choices.

Student Levels	6 th Grade	7 th Grade	8 th Grade
Academic Level with support in Math Quest: <ul style="list-style-type: none"> I maintained a class average below 70. AND/OR <ul style="list-style-type: none"> I did not reach Approaches Level on prior year STAAR. 	<i>6th Grade Math, Academic</i>	<i>7th Grade Math, Academic</i> + <i>Math Quest</i> <i>Math Quest is offered as an additional, elective course for students who did not reach Approaches level on the prior year STAAR .</i>	<i>8th Grade Math, Academic</i> + <i>Math Quest</i> <i>Math Quest is offered as an additional, elective course for students who did not reach Approaches level on the prior year STAAR .</i>
Academic Level: <ul style="list-style-type: none"> I maintained a class average of 70-85. I received Approaches or higher on prior year STAAR. 	<i>6th Grade Math, Academic</i>	<i>7th Grade Math, Academic</i>	<i>8th Grade Math, Academic</i>
Accelerated Level: <ul style="list-style-type: none"> I maintained a class average of 85 - 100. I received Master’s Grade Level on prior year STAAR. 	<i>6th Grade Accelerated</i> <i>This course will cover the 6th grade and a portion of the 7th grade standards.</i> <i>Students will take the 6th grade STAAR</i>	<i>7th Grade Accelerated</i> <i>This course covers all the 7th grade as well as all of the 8th grade standards.</i> <i>Students will take the 8th grade STAAR</i>	<i>Algebra I, Algebra I Honors</i> <i>Prerequisite: 7th Grade Accelerated Math or 8th Grade Math</i> <i>Algebra I courses are for high school credit and will be calculated in the student’s GPA.</i> <i>Students will take Algebra I EOC.</i>
For students pursuing the Nursing RN, Nursing LVN, or Surgical Tech path at Keller Collegiate Academy: Accelerated Level: <ul style="list-style-type: none"> I maintained a class average of 85-100. I received Master’s Grade Level on prior year STAAR. 	<i>6th Grade Accelerated</i> <i>This course will cover the 6th grade and a portion of the 7th grade standards.</i> <i>Students will take the 6th grade STAAR</i>	<i>7th Grade Accelerated</i> <i>This course covers all the 7th grade as well as all of the 8th grade standards.</i> <i>Students will take the 8th grade STAAR</i>	<i>Compacted Algebra I/Algebra II Honors</i> <i>Prerequisite: 7th Grade Accelerated Math or 8th Grade Math</i> <i>Both Algebra I and Algebra II are for high school credit and will be calculated in the student’s GPA</i> <i>Students will take Algebra I EOC.</i>

Pathway for students who have completed K-4 Hybrid Math (Tribal and Charger Feeder Patterns)			
5th Grade	6th Grade	7th Grade	8th Grade
<p><i>6th Grade Accelerated</i></p> <p><i>This course will cover the 6th grade and a portion of the 7th grade standards.</i></p> <p><i>Students will take the 6th grade STAAR</i></p>	<p><i>7th Grade Accelerated</i></p> <p><i>These courses cover all of the 7th grade as well as all of the 8th grade standards.</i></p> <p><i>Students will take the 8th grade STAAR</i></p>	<p><i>Algebra I Honors</i></p> <p><i>Prerequisite: 7th Grade Accelerated Math</i></p> <p><i>Algebra I courses are for high school credit and will be calculated in the student's GPA.</i></p> <p><i>Students will take Algebra I EOC.</i></p>	<p><i>Geometry Honors</i></p> <p><i>Prerequisite: Algebra I</i></p> <p><i>Geometry courses are for high school credit and will be calculated in the student's GPA.</i></p> <p><i>Students will take the 8th grade STAAR</i></p>

Mathematics, Grade 8 Academic

Course: 0281

TEDS: 03103100

8th grade math focuses on grade-level TEKS, preparing students for Algebra 1 with an emphasis on expressions and equations, along with foundations of functions and proportionality. This course also guides students in connecting multiple representations of relationships and communicating mathematical ideas.

Students enrolling in Algebra I, Algebra I Honors, or Algebra I Honors/Algebra II Honors Compacted must have already mastered Grade 7 and Grade 8 Math TEKS.

Algebra I

Course: 0840

TEDS: 03100500

High School Credit: 1

Prerequisite: 8th grade math or equivalent

This course develops students' ability to think algebraically and reason symbolically. Algebra 1 focuses on the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology to model mathematical situations to solve meaningful problems. Algebra 1 serves as a foundation and a prerequisite for all subsequent math courses. High School credit is awarded for this course and the grade will be calculated into the student's GPA.

Algebra I Honors

Course: 0850

TEDS: 03100500

High School Credit: 1

Prerequisite: 8th grade math or equivalent

There is a strong expectation that all of the students in an Honors math program are preparing for Advanced Placement Calculus and/or Advanced Placement Statistics.

Algebra I Honors in Grade 8 includes all Algebra I standards with added rigor and depth. This course develops students' ability to think algebraically and reason symbolically. Algebra 1 focuses on the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology to model mathematical situations to solve meaningful problems. Algebra 1 serves as a foundation and a prerequisite for all subsequent math courses. High School credit is awarded for this course and the grade will be calculated into the student's GPA.

Quest, Grade 8

Course: 0681

TEDS: 83100XXX

Quest Math, Grade 8 is designed to provide additional support on grade-level standards as well as on any essential prior grade-level standards for students who did not score at the Approaches level or higher on the 7th grade STAAR test. Students will experience math in a variety of ways, including small group instruction and additional hands-on activities. Students in Quest Math are concurrently enrolled in Math, Grade 8. Placement in this course is based on the recommendation of the Student Intervention Team.

Basic Mathematics, Grade 8

Course: M0281

TEDS: 03103100

Prerequisite: ARD decision

Basic Mathematics, Grade 8 is a modified TEKS curriculum designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. This course focuses on the basic math skills derived from the student's IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Fundamentals of Mathematics, Grade 8

Course: T0281

TEDS: 03103100

Prerequisite: ARD decision

Instruction will focus on consumer application in the use of money, problem solving, and fundamental skills. These courses are designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on applying mathematics in the use of money, personal financial situations, and solving home and work problems by using the concepts of fundamental mathematics. Students practice these strategies within the context of simulation designed to reinforce the understanding of basic operations, as well as the application of these operations within technological tools that enhance understanding and accuracy.

Science

Science, Grade 8

Course: 0381

TEDS: 03060800

Science, Grade 8 is interdisciplinary in nature and has a focus on earth and physical science with the integration of chemistry, physics, and life science. Students in 8th grade science study a variety of topics that include: scientific investigations and reasoning; matter and energy; force, motion, and energy; natural events, cycles; and environmental interactions.

Science Honors, Grade 8

Course: 0382

TEDS: 03060800

Science Honors, Grade 8 covers the Science, Grade 8 curriculum while encouraging advanced skills, in depth discussions and more comprehensive lab work. There is a focus on learning to use and develop critical thinking skills, and problem-solving methods. The course is designed to encourage students to think and act like a scientist. **Concurrent enrollment in Algebra I Honors is recommended.**

Biology Honors

Course: 3803

TEDS: 03010200

High School Credit: 1

Biology Honors is a comprehensive study of biology, ecology, evolution, biochemical pathways, organic and biochemistry, cell biology, genetics, molecular biology, taxonomy, homeostasis and human body systems (immune, lymphatic, digestive, and circulatory system). Students will be expected to show commitment to Honors curriculum and be motivated to utilize higher level thinking skills. The course will include and a more in-depth study of biological concepts.

Honors students should expect to continue in the AP program with a goal of taking the AP test.

***Note - Students must be concurrently enrolled in Algebra I or have already completed Algebra I.**

Basic Science, Grade 8

Course: 9381

TEDS: 03060800

Prerequisite: ARD decision

Basic Science is a course with modified TEKS curriculum to address the individual learning needs derived from the student's IEPs (Individual Education Plan).

Prerequisite: ARD decision

Science related to home and independent living will be investigated through the use of activity-based studies. Science courses study science-based concepts that are related specifically to independent daily living and employment. Attention is given to relation of science to home and job practices that foster the understanding of student's roles and responsibilities in the care and operation of both facilities.



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Social Studies

Social Studies, Grade 8

Course: 0481

TEDS: 03343100

Students study the history of the United States from the early colonial period through Reconstruction. Historical content focuses on the political, geographic, economic, religious, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the U.S. Constitution, challenges of the early republic, the Age of Jackson, westward expansion, sectionalism, Civil War, and Reconstruction. Students will examine the American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights, reflected in the U.S. Constitution and other historical documents. A collection of primary and secondary sources will be used to understand the complex history of the United States.

Social Studies Honors, Grade 8

Course: 0482

TEDS: 03343100

Includes the basic understanding of Social Studies, Grade 8 curriculum with added rigor, depth, global connections, and expectations of sophistication in student work. Please note that there is strong expectation that all of the students in an Honors social studies program are preparing for Advanced Placement in one or more of the following: World History, U.S. History, Government, Economics, Human Geography, and European History.

Basic Social Studies, Grade 8

Course: 9481

TEDS: 03343100

Prerequisite: ARD decision

Basic Social Studies is a course with modified TEKS curriculum to address the individual learning needs derived from the student's IEPs (Individual Education Plan).

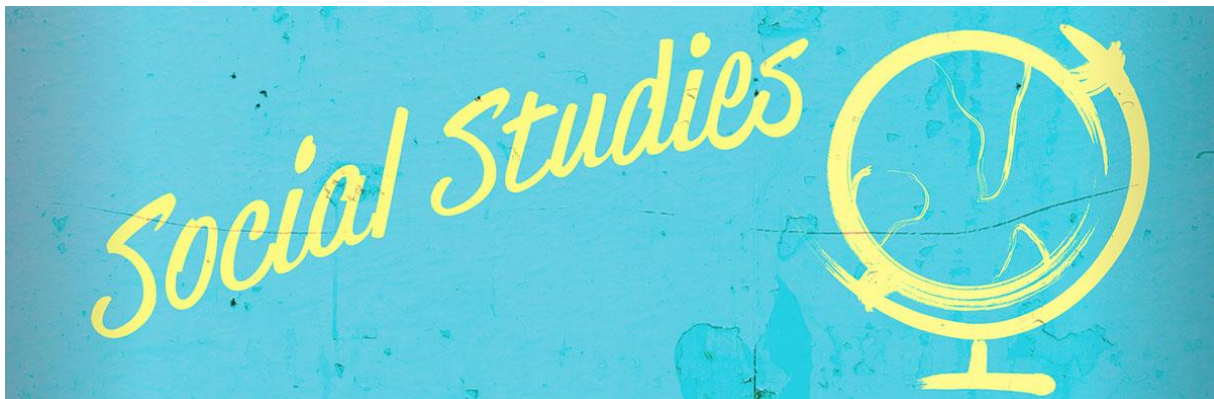
Fundamentals of Social Studies, Grade 8

Course: T0481

TEDS: 03343100

Prerequisite: ARD decision

Instruction will focus on the student's community and state with emphasis on laws affecting personal safety behavior. Social Studies courses will enable the student to define their rights, privileges and responsibilities within the school, community and employment settings. Concepts include voting, laws and consequences of unlawful behavior, honesty, integrity, community volunteerism, rules and regulations. Students are instructed on how to be productive and safe in a variety of community situations including employment. Students will become familiar with the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community and/or organization. History studies will provide a survey of the history and development of our world's areas and cultures with emphasis on social, cultural, economic and political developments of the United States of America.



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Physical Education

Two semesters of physical education OR one year of athletics is required while in middle school.

Athletics

Boys	Girls
Course: 0980	Course: 0880
TEDS: 03823000	TEDS: 03823000
Football, Basketball, Cross Country, Track, and Tennis	Volleyball, Basketball, Cross Country, Track, and Tennis

Athletics is open to all 7th and 8th grade students interested in an extra-curricular activity through competitive sports with a coach's signature. The Keller ISD middle school athletic program focuses on teaching fundamental skills, building positive self-image, teamwork, goal setting, discipline, and includes a comprehensive off-season program designed to give the young athlete a sturdy foundation for future athletic endeavors. Tryouts are given for each sport when necessary.

Practices are before school and 1st period for 7th grade athletics and last period and after school for 8th grade athletics. Those athletes whose sport is not in season participate in an off-season conditioning program. All students enrolled in athletics must participate in at least one sport. Participants must have completed and turned in the UIL athletic participation packet during the spring prior to the upcoming school year.

Each spring, prior to registration, coaches meet with athletes and parents to discuss the Keller ISD athletic program in detail and to answer any questions about competitive athletics, district sport safety guidelines, UIL regulations, registration deadlines, academic requirements, and the athletic code of conduct.

Physical Education

Course: 0705

TEDS: 03823000

This course is designed to enable students to have a broad base of athletic activities. Emphasis is placed on lifetime activities as well as individual, dual, and team sports. Students will gain knowledge and understanding of physical fitness, history and rules of various sports, wellness behaviors, and proper social conduct. In addition, students will exhibit increased coordination, agility, flexibility, endurance, balance, speed, and power.

Tennis

Course: 0709

TEDS: 03823000

Students will learn the fundamental skills and rules used in regulation tennis. The class is designed to develop skills and an appreciation for the sport. Once interest and fundamental skills have developed, students may want to advance to competition level or play tennis as a lifelong athletic activity.

Unified P.E.

Course: 5790

TEDS: 03823000

Unified P.E. is a success oriented physical education course for students with special needs and peer partners. This course can be taken for physical education credit or as an elective. Unified P.E. will enhance the existing academic schedule by offering a class that includes students with disabilities and students without disabilities working together to encourage physical activity while developing respect for one another. This course promotes physical activity, acquisition of individual lifetime wellness skills, team sports, and recreational activities while fostering relationships and developing leadership skills in the peer partners. ***Application required.***

The goals of the Unified P.E. course are:

- To meet the physical education requirement for the students with disabilities in an environment of support and partnership, to increase their social skills, create friendships, and build self-esteem.
- To meet the physical education requirement for the students without disabilities, to develop leadership skills, to learn to interact and develop respect and empathy for their peers with disabilities and to understand from first-hand experience the expectations for careers working with individuals with special needs.



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Full-Year Electives

Art, Level I

Course: 2352

TEDS: 03154110

This course is for beginning art students, focusing on the elements of design such as line, shape, form, texture, space, value, and color. Art I is an introduction to drawing, painting, 3-D design, and art history will be integrated throughout the semester. Students will learn to communicate through art using a variety of mediums.

Art, Level II

Course: 2355

TEDS: 03154210

Prerequisite: Art, Level I

This advanced art course includes projects that allow students to further explore drawing, painting, 3-D design, fibers, and art history. Students will learn to communicate through art using a variety of mediums.

Unified Middle School Art

Course: 2364

TEDS: 031541110

Unified Art is a success-oriented course for students with an IEP and general education peer partners. Each general ed. student is uniquely matched with a student with an IEP. During the first week of class, training will be provided to prepare the general ed. partner to be successful in their partnership role. Unified Art is focused on building independence, community, empathy, management skills, and artistic growth in a visual art learning environment for students of all levels. Opportunities to explore a variety of art areas of study may include drawing, painting, sculpture, fibers, design, and art history. Unified Art emphasizes leadership skills in making connections in a partnership which may appeal to future educators, counselors, healthcare workers or career coaches and advocates.

Art Portfolio

Course: 1295

TEDS: 03154310

Prerequisite: Art, Level I and middle school art teacher recommendation

This full year class is intended for students who have a serious interest in studying art. This course will allow students to learn advanced art concepts and explore a variety of art materials. Students will be given the opportunity to complete artwork for Jr. Visual Arts Scholarship Event (VASE) and prepare for Honors Art.

Fundamentals of Art, Grade 8

Course: T2355

TEDS: 03154210

Prerequisite: ARD decision

The Applied Arts course will introduce to the student the basic skills and concepts which will enable the student to explore life around them in new ways. Through the applied arts, the students will increase their problem solving skills, sharpen their communication skills, and participate in cooperative learning activities.

AVID 8

Course: 0811

TEDS: 83800XXX

AVID is an elective course designed for students who are college bound. Students learn strategies to ensure success in rigorous college preparatory course work. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) through both teacher-led and tutor-led activities. AVID students learn to work cooperatively as a support system for each other and gain confidence in their own abilities while learning to assist their peers. Time management techniques and personal organization and study skills are also developed. A student who participates in the AVID elective is not required to be enrolled in Advisory. *Application and interview process required.*

Band

Course: 1050

TEDS: 03154130

Prerequisite: 7th grade band or instructor approval

This is a continuing course designed to further develop instrumental music instruction for students who have previously played a brass, woodwind, or percussion instrument. Students will have competitive opportunities that include solo and ensemble contests, UIL contests, and All Region/All District band auditions. Students will not only receive instruction on using correct embouchure, hand position, posture, breathing, and articulations but will also learn advanced fingerings, scales, vibrato, and music terminology. Individual practice outside of school hours is expected and a few outside rehearsals and performances are required.

Choir

Course: 1051

TEDS: 03154131

Choir has a place for all students who enjoy singing and performing. Students will learn about correct vocal productions, proper stage presence, and reading music. All Choirs will perform in concerts and contests. Solo and ensemble contests, UIL organizational contest and All-Region auditions offer additional performance opportunities for students to participate at a more competitive level. Individual practice outside school hours is expected and a few outside choir rehearsals are required. Students will perform many styles of music including traditional, folk, pop, Broadway, and rock. Choir performance attire is required.

French I

Course: 0835/(**VIRTUAL CLASS Z0835**)

TEDS: 03410100

High School Credit: 1

Students *do not* need prior knowledge of the language to enroll in French I. With communication being the overarching goal, this course begins the study of the French language and culture in an interactive atmosphere. Through the use of projects, presentations, games, authentic material, peer to peer interaction, direct instruction, and other fun activities, students will do the following: engage in direct oral and written communication with others, demonstrate an understanding of spoken and written communication, present to an audience, and make comparisons of the French language and culture with their own. Students in Level I are expected to reach a proficiency level of Novice Mid to Novice High by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in French II. **This course is offered in the traditional setting at FHMS and VRMS. At the other middle schools, this course is available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit.*

Journalism

Course: 1282

TEDS: 83800XXX

This course will cover a variety of communication tools such as newspaper and yearbook preparation. Journalism introduces the students to the process involved in the production of a monthly newspaper and yearly memory book. Photography and writing skills will be utilized in this course. The class will design the school yearbook and monthly newspaper. Students will occasionally need to attend after school activities. The students will need to have a good work ethic and be willing to work toward a deadline. ***Application required and some before and/or after school time commitment.***

Orchestra II/III

Course: 1007 / 1008

TEDS: 03154232 / 03154332

Orchestra provides students with training in the proper care of stringed instruments and the fundamentals of instrumental musicianship. Instrumental technique, history, and theory concepts are discussed and applied through the study and performance of appropriate literature. Leadership, responsibility, cooperation, self-discipline, and concentration are stressed. Individual practice outside of school hours is expected and a few outside rehearsals and performances are required.

PALS

Course: 3700

TEDS: 85000301

The PALS course offers selected 7th and 8th grade middle school students the opportunity to work in community service, peer and cross-age mentoring, and as trained mediators to assist other students in resolving their conflicts in a peaceful way. PALS students select and design a community service project that can be completed in the classroom with an emphasis on helping the surrounding community. Participants serve as mentors for the campus feeder schools in providing PALS students the opportunity to develop their own talents and communication skills while helping younger students who need an older positive role model, and extra attention at school. The program also provides newly enrolled with a trained student who helps them make the transition to the new campus. The course allows PALS students to work as trained peer mediators by providing 4 to 6 weeks of specialized and ongoing training in conflict mediation. The course is designed to develop leadership, communication, and interpersonal skills in PALS student. PALS student selection involves an application process in which prospective PALS students fill out an application, seek recommendations from current and former teachers, and participate in an interview with PALS trained staff members. The course is offered as a local credit elective on a 36-week schedule. *Application required.*

Principles of Business, Marketing, and Finance

(VIRTUAL CLASS)

Course: Z080X

TEDS: 13011200

High School Credit: 1

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance. *This course is only available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit.*

Principles of Health Science

(VIRTUAL CLASS)

Course: Z081X

TEDS: 13020200

High School Credit: 1

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. *This course is only available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit.*

Spanish I

Course: 1275

TEDS: 03440100

High School Credit: 1

Students *do not* need prior knowledge of the language to enroll in Spanish I. With communication being the overarching goal, this course begins the study of the Spanish language and culture in an interactive atmosphere. Through the use of projects, presentations, games, authentic material, peer to peer interaction, direct instruction, and other fun activities, students will do the following: engage in direct oral and written communication with others, demonstrate an understanding of spoken and written communication, present to an audience, and make comparisons of the Spanish language and culture with their own. Students in Level I are expected to reach a proficiency level of Novice Mid to Novice High by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in Spanish II. **Students who successfully complete this course receive high school credit.*

Spanish I Honors

Course: 0838

TEDS: 03440100

High School Credit: 1

Students *do not* need prior knowledge of the language to enroll in Spanish I Honors. Spanish I Honors covers the Spanish I curriculum, but goes into added depth with the Spanish language while engaging in AP style questioning, responses, and tasks. This course begins preparing students for Advanced Placement (AP) courses which provide students the opportunity to earn college credit after successful completion of the corresponding AP exam. Students in Level I Honors are expected to reach a proficiency level of Novice Mid to Novice High by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in Spanish II Honors.

**Students who successfully complete this course receive high school credit.*

Spanish II

Course: 1376

TEDS: 03443200

High School Credit: 1

Recommended Prerequisite: Spanish I

Spanish II provides a fun, interactive, context-driven and engaging atmosphere through which the students will participate in a variety of activities in order to: engage in direct oral and written communication with others, demonstrate understanding of spoken and written communication, present information to an audience, and make comparisons and connections to their own culture through authentic resources. Students in Level II are expected to reach a proficiency level of Novice High to Intermediate Low by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in Spanish III.

**Students who successfully complete this course receive high school credit.*

Spanish II Honors**Course:** 0849**TEDS:** 03443200**High School Credit:** 1**Recommended Prerequisite:** Spanish I Honors

Spanish II Honors covers the Spanish II curriculum but goes into added depth with the Spanish language while engaging in AP style questioning, responses, and tasks. Students continue to be prepped for Advanced Placement (AP) courses which provide students the opportunity to earn college credit after successful completion of the corresponding AP exam. Students in Level II Honors are expected to reach a proficiency level of Novice High to Intermediate Low by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in Spanish III Honors.

**Students who successfully complete this course receive high school credit.*

Theatre, Level I**Course:** 2572**TEDS:** 03154140

This class is for students who have an interest in learning about all aspects of the theatre. Students will have the opportunity to participate in various class activities while learning about acting techniques, theatre history, and methods of production associated with the theatre.

Theatre, Level II**Course:** 2573**TEDS:** 03154240**Prerequisite:** Theatre, Level I

This advanced theatre course covers various acting styles and production techniques. Students will be introduced to technical theatre design, make-up, costuming, and public performance opportunities.

Unified Middle School Theatre I**Course:** 7804**TEDS:** 03154140

Unified Theatre is a success-oriented course for students with an IEP and general education peer partners. Each general ed. student is uniquely matched with a student with an IEP. During the first week of class, training will be provided to prepare the general ed. partner to be successful in their partnership role. Unified Theatre is focused on building independence, community, empathy, management skills, and artistic growth in a theatre arts learning environment for students of all levels. Opportunities to explore a variety of theatrical areas of study may include puppetry, character development, creative movement, voice, diction, costuming, make-up, and theatre history. Unified Art emphasizes leadership skills in making connections in a partnership which may appeal to future educators, counselors, healthcare workers or career coaches and advocates.

Theatre Production**Course:** 1281**TEDS:** 03154340**Prerequisite:** Theatre, Level I and middle school theatre teacher recommendation

This full year class is intended for students who have a serious interest in studying theatre. The goal for the course is to provide students a variety of performance and production experiences from acting to design. This involves learning lines, following directions, and working with a group. Some after school rehearsals may be required.

Activities for Daily Living, Grade 8**Course:** T6041**TEDS:** 83800XXX**Prerequisite:** ARD decision

This course is developed to integrate the domestic, recreation, leisure, school, and community domains. Students investigate through activity based sessions, a variety of activities associated with the daily living experience. Organizing a daily routine and schedule will serve the students in their process of taking charge of independent living. Students will study areas of cooking, safety, leisure, chores, duties, responsibilities, budget, time management, first aid, and communication. Personal safety and responsibility will be examined in response for taking care of one's self, others, and/or pets. Health care, transportation, telephone skills and appropriate recreation activities are addressed in the context of developing a full capacity living experience. Students will develop strategies to respond to potential emergencies that may appear in the process of daily living.

Basic Study Skills**Course:** 975**TEDS:** 85000XXX**Prerequisite:** ARD decision

Description: This is year-long course that focuses on the direct teaching, generalization and maintenance of social skill development, improvement of executive functioning/organizational skills, technology applications and self-advocacy.

Community Skills**Course:** 976**TEDS:** 85000XXX**Prerequisite:** Eligible for LIFE Skills 2/3 and/or STACC 2/3 by ARD Committee

Coursework included critical skills necessary for independent functioning in a variety of community environments including pre-vocational skills, social skills, functional communication for community involvement, self-advocacy and/or safety.

Semester Electives

Conversational Spanish

Course: 2550

TEDS: 03443000

This course is *not* a prerequisite for Spanish I or Spanish I Honors. This course exposes students to the language and culture at a basic level through the use of music, games, authentic material, peer to peer interaction, and other teacher-led activities. Within this course, students will do the following: participate in highly predictable contexts through the use of memorized and recalled words and phrases, demonstrate understanding of simple, clearly spoken and written language, engage in direct oral or written communication with others in a low risk environment, and socialize with peers in the Spanish language in order to obtain information. This course provides a great avenue for students to discover a passion for the Spanish language!

Creative Writing

Course: 2551

TEDS: 85000XXX

This course will provide opportunities for students to enhance writing skills. Creative writing includes poems, plays, science fiction, publishing, literary appreciation, and other forms of writing.

College and Career Readiness

Course: 1299

TEDS: 12700300

The goal of this course is to create a culture of high expectation and continuous improvement that provides middle school students with a foundation for success in high school, future studies, and careers. Students explore college and career planning within specific career clusters. The students research labor market information, learn job-seeking skills, and create documents required for employment. Students use self-knowledge to explore and set realistic goals.

Entrepreneurship

Course: Z0822X (**VIRTUAL CLASS**)

TEDS: 13034400

High School Credit: 1

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit. This course is only available as an online course through the Keller ISD Virtual Learning program. *Students who successfully complete this course receive high school credit for the graduation requirement of the 21st century skill. Students earn 1 credit for this course, but the course is taught in 1 semester.*

Health

Course: 0855

TEDS: 03810100

High School Credit: .5

Health Education enables each student to develop an understanding of the attitudes and habits that are conducive to healthful living. The Health Education class will help students develop skills that will make them health literate adults. Students will use problem solving, research, goal setting, and communication skills to protect their health and that of the community. *Students who successfully complete this course receive high school credit.*

Interpersonal Studies

(VIRTUAL CLASS)

Course: Z8823X

TEDS: 13024400

High School Credit: .5

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. *This course is only available as an online course through the Keller ISD Virtual Learning program.*

Investigating Careers: Intro to Audio/Video Production

Course: 1370

TEDS: 12700400

Intro to audio/video production is an entry-level course that will serve as an introduction to basic video/film/audio production. The goal of the course is for the student to develop the ability to capture great video images and audio, and to be able to edit those two elements together to tell a story. During the course, each student will be taught: The basic understanding of operating a video camera, the basic principles of how to capture great video and audio, how to edit video and audio and how to tell a story by combining video and audio.

Lifetime Nutrition and Wellness

(VIRTUAL CLASS)

Course: Z0825X

TEDS: 13024500

High School Credit: .5

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promotes wellness as well as pursues careers related to human services. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extra-curricular organizations. *This course is only available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit.*

Personal Financial Literacy

(VIRTUAL CLASS)

Course: Z4504

TEDS: 03380082

High School Credit: .5

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages. *This course is only available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit.*

Professional Communications

(VIRTUAL CLASS)

Course: Z0465X

TEDS: 13009900

High School Credit: .5

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this text, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. *This course is only available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit for the graduation requirement of the 21st century skill.*

Speech Communications

Course: 2553

TEDS: 03243630

This is an activity-based class that allows students to become better speakers in both formal and informal situations. The students learn to speak in front of a group, interact within a group, and improve their research skills. Students will learn skills through organizations, practice, delivery, self-evaluations, and technology.

Student Aide**Course:** 2182**TEDS:** 85000XXX

This service position requires students who are dependable, trustworthy, and able to work closely with others and represent the school in a positive manner. This is a leadership position, which requires trustworthiness, a cheerful attitude, initiative, and a sense of responsibility. Citizenship and academics will be taken into consideration. **Student aide selection involves an application process.**

**Touch System Data Entry
(VIRTUAL CLASS)****Course:** Z0828X**TEDS:** 13011300**High School Credit:** .5

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents. *This course is only available as an online course through the Keller ISD Virtual Learning program. Students who successfully complete this course receive high school credit.*

World Mythology**Course:** 2683**TEDS:** 83300XXX

World Mythology is an elective that will cover multiple cultures and their myths. Students will be able to identify the characteristics of a myth and its hero, villain, trickster and other archetypes. Students will be able to locate and explain the significance of the Greek, Celtic, Nordic, Egyptian, Hindu, Chinese and Japanese cultures. We explore myths that were used to teach a lesson, to explain the physical environment and to pass on cultural/ethnic traditions. We also explore current pop culture trends and what these trends borrow from mythology. (Star Wars, Harry Potter, Lord of the Rings, Iron Man, Thor, Batman, etc). The class will have an interdisciplinary approach, incorporating history, geography, psychology, sociology, architecture, economics, literature, philosophy and anthropology.

STEM, Grade 8

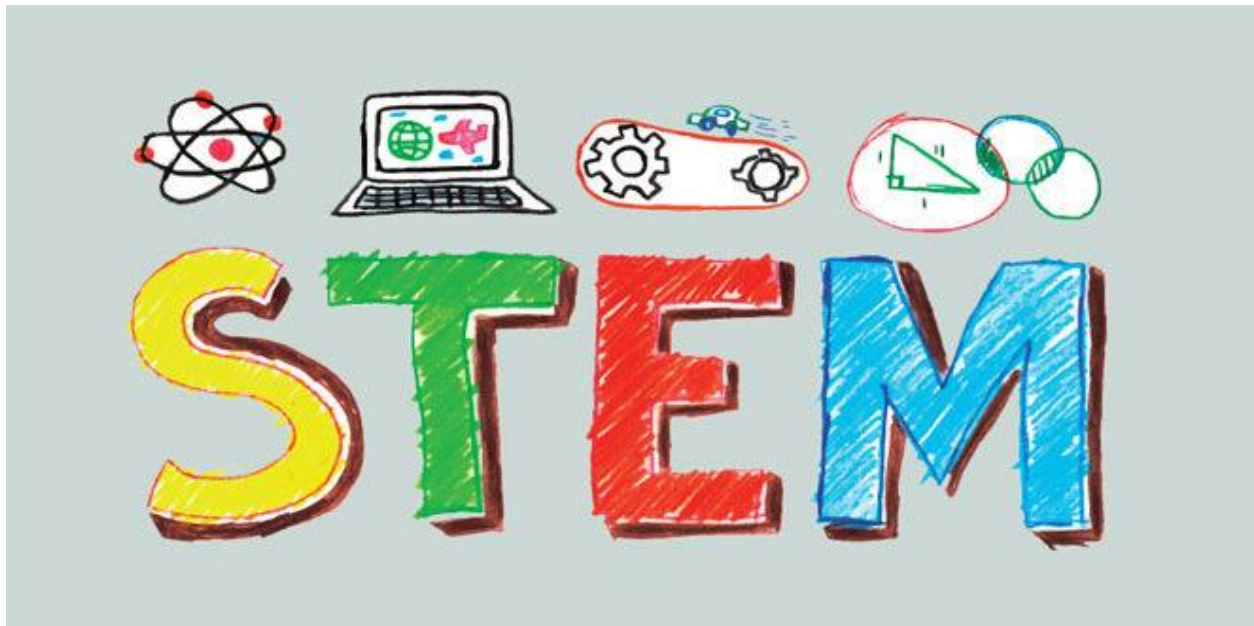
Engineering Essentials

Course: 0801

TEDS: N1303760

High School Credit: 1

The Engineering Essentials course introduces students to engineering concepts that are applicable across multiple engineering and other disciplines and empowers them to build technical skills through the use of a variety of engineering tools. Students will learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing. This class will help a student to learn how to solve real-world problems while working collaboratively with a team to find a solution. The Modeling process will detail your ideas for a solution and detail a comprehensive plan of action. Alternate solutions will be considered to come to the best solution. During the process, the student will explore experimental design and testing, CAD and drafting, Geographic Information Systems, systems thinking, project management, modeling computational and analytical skills and electronics. *Students who successfully complete this course will receive high school credit.*



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Summary of Middle School Course Offerings for High School Credit

Course	Schedule	High School Credit	Virtual Course
Algebra II	Year	1 credit	YES (virtual only)
Algebra II Honors	Year	1 credit	YES (virtual only)
Design and Modeling (GTT 1)	Semester	.5 credit	NO
Engineering Essentials	Year	1 credit	NO
Entrepreneurship	Semester	1 credit	YES (virtual only)
Geometry	Year	1 credit	YES (virtual only)
Geometry Honors	Year	1 credit	YES (virtual only)
Health	Semester	.5 credit	NO
Interpersonal Studies	Semester	.5 credit	YES (virtual only)
Lifetime Nutrition and Wellness	Semester	.5 credit	YES (virtual only)
Magic of Electronics/Medical Detective (GTT 2)	Semester	.5 credit	NO
Personal Financial Literacy	Semester	.5 credit	YES (virtual only)
Principles of Business, Marketing, and Finance	Year	1 credit	YES (virtual only)
Principles of Health Science	Year	1 credit	YES (virtual only)
Professional Communications	Semester	.5 credit	YES (virtual only)
Touch System Data Entry (grades 7-8)	Semester	.5 credit	YES (virtual only)
Language Course	Schedule	High School Credit	Virtual Course
French I	Year	1 credit	YES (virtual only on most campuses)
Spanish I/ Spanish I Honors	Year	1 credit	No
Spanish II/ Spanish II Honors	Year	1 credit	No
<i>The courses above are calculated into the weighted grade point average for high school.</i>			



Keller Collegiate Academy opened in the 2021-2022 school year and includes pathways in the Healthcare industry. Students have the opportunity to earn at least 60 college credit hours and graduate from high school with one of the following plans:

- **Associate of Arts with Health Science certifications**
- **Associate of Science with Health Science certifications**
 - **Associate of Applied Science, Surgical Technology**
 - **Associate of Applied Science, Anesthesia Technology**

Students accepted into the Keller Collegiate Academy have the opportunity to attend the campus full time as an 8th grader.

The chart below shows the 8th grade class offerings at the Keller Collegiate Academy. All students will take English, Math, Social Studies, Science, World Language, AVID, and an elective. Please note that students that have not taken a PE course in 7th grade, will be required to take PE.

Keller Collegiate Academy				
8th Grade Crosswalk				
	Subject	Student Levels		
	English	Advanced English I		
	Math	Advanced Algebra I or	Advanced Algebra I/II (Double Blocked Math) or	Honors 8th Math
	Social Studies	Honors 8th SS		
	Science	Advanced Biology		
	World Language	Advanced Spanish I		
	Advisory	AVID		
	PE	PE (if not taken in 7th grade)		
	Elective	Art or PALS (if room on student schedule for elective)		

Course descriptions for courses taken in high school can be found in the High School Academic Planning Guide.

English I Honors**Course:** 0185**TEDS:** 03220100**High School Credit:** 1

This course provides an in-depth study of the elements and genres of literature. Students produce a variety of original texts including documented research and literary analysis. They will also present oral communications using various forms and technologies. They analyze and critique their presentations and those of others emphasizing the purpose and effect of visuals on the audience. Students will focus on skills required for success in dual credit and on the Advanced Placement Exam.

Mathematics, Grade 8 Advanced**Course:** 0282**TEDS:** 03103100

Students who maintained an 80 - 90 average in 7th grade math and passed the Math STAAR at the Masters Grade Level are recommended for enrollment in this course. Students in this course are preparing for Honors level courses in subsequent years. 8th Advanced math focuses on grade-level TEKS with added depth and rigor. This course prepares students for Algebra 1 with an emphasis on expressions and equations, along with foundations of functions and proportionality. This course also guides students in connecting multiple representations of relationships and communicating mathematical ideas.

Algebra I Honors**Course:** 0850**TEDS:** 03100500**High School Credit:** 1**Prerequisite:** 8th grade math or equivalent

There is a strong expectation that all of the students in an Honors math program are preparing for Advanced Placement Calculus and/or Advanced Placement Statistics.

Algebra I Honors in Grade 8 includes all Algebra I standards with added rigor and depth. This course develops students' ability to think algebraically and reason symbolically. Algebra 1 focuses on the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology to model mathematical situations to solve meaningful problems. Algebra 1 serves as a foundation and a prerequisite for all subsequent math courses. *High School credit is awarded for this course and the grade will be calculated into the student's GPA.*

Algebra I Honors/Algebra II Honors Compacted (Double Blocked)

Course: 2550P/(**VIRTUAL CLASS Z203**)

TEDS: 03100500, 03100600

High School Credit: 2

Prerequisite: 8th grade math or equivalent (see box in the 8th grade math section of this guide)

This course is intended for students in 8th grade who plan on pursuing the Nursing RN or Nursing LVN at Keller Collegiate Academy beginning in 9th grade. This course will be double blocked, meaning it will meet for two class periods each day.

Students will complete Algebra I Honors in the first semester and Algebra II Honors in the second semester of this compacted course.

Algebra I Honors includes basic understanding of the Algebra I curriculum with added rigor, depth, global connections, multiple representations (verbal, algebraic, numerical, graphical, physical), and expectations of sophistication in student work. In Algebra I Honors, students build on earlier math experiences, deepening their understanding of relations and functions and expanding their repertoire of familiar linear and quadratic functions, among others. Students learn to combine functions, express functions in equivalent forms, compose functions, and find inverses where possible. Algebra I Honors will provide students with insights into mathematical abstraction and structure through the content strands Foundations for Functions, Linear Functions, and Quadratics and other Non-Linear Functions.

In Algebra II Honors, students build on Algebra I learning, both deepening their understanding of relations and functions and expanding their repertoire of familiar functions. Students use technological tools to represent and study the behavior of polynomial, exponential, rational, and periodic functions, among others. Students learn to combine functions, express them in equivalent forms, compose functions, and find inverses where possible. Students will come to understand the concept of parent functions and learn to recognize the characteristics of various parent and familiar functions. Algebra II Honors provides students with insights into mathematical abstraction and structure through the content strands of Foundations for Functions, Systems of Equations and Inequalities, Quadratic and Square Root Functions, Rational Functions, and Exponential and Logarithmic Functions. Algebra II Honors includes the basic understanding of the Algebra II curriculum with added rigor, depth, global connections, multiple representations (verbal, algebraic, numerical, graphical, physical), and expectations of sophistication in student work.

Biology Honors

Course: 3803

TEDS: 03010200

High School Credit: 1

Biology Honors is a comprehensive study of biology, ecology, evolution, biochemical pathways, organic and biochemistry, cell biology, genetics, molecular biology, microbiology (which includes invertebrates), taxonomy, embryogenesis, homeostasis and human body systems (immune, lymphatic, digestive, and circulatory system). Students will be expected to show commitment to Honors curriculum and be motivated to utilize higher level thinking skills. The course will also include special projects and a more in-depth study of biological concepts.

Honors students should expect to continue in the AP program with a goal of taking the AP test.

***Note - Students need to be enrolled in Algebra I or have completed Algebra I in order to take Chemistry in High School.**

Social Studies Honors, Grade 8

Course: 0482

TEDS: 03343100

Includes the basic understanding of Social Studies, Grade 8 curriculum with added rigor, depth, global connections, and expectations of sophistication in student work. Please note that there is strong expectation that all of the students in an Honors social studies program are preparing for Advanced Placement in one or more of the following: World History, U.S. History, Government, Economics, Human Geography, and European History.

Spanish I Honors

Course: 0838

TEDS: 03440100

High School Credit: 1

Students *do not* need prior knowledge of the language to enroll in Spanish I Honors. Spanish I Honors covers the Spanish I curriculum, but goes into added depth with the Spanish language while engaging in AP style questioning, responses, and tasks. This course begins preparing students for Advanced Placement (AP) courses which provide students the opportunity to earn college credit after successful completion of the corresponding AP exam. Students in Level I Honors are expected to reach a proficiency level of Novice Mid to Novice High by the end of the course of study. Upon successful completion of this course, students are encouraged to enroll in Spanish II Honors.

**Students who successfully complete this course receive high school credit.*

Art, Level I

Course: 2352

TEDS: 03154110

This course is for beginning art students, focusing on the elements of design such as line, shape, form, texture, space, value, and color. Art I is an introduction to drawing, painting, 3-D design, and art history will be integrated throughout the semester. Students will learn to communicate through art using a variety of mediums.

AVID 8

Course: 0811

TEDS: 83800XXX

AVID is an elective course designed for students who are college bound. Students learn strategies to ensure success in rigorous college preparatory course work. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) through both teacher-led and tutor-led activities. AVID students learn to work cooperatively as a support system for each other and gain confidence in their own abilities while learning to assist their peers. Time management techniques and personal organization and study skills are also developed. A student who participates in the AVID elective is not required to be enrolled in Advisory. ***Application and interview process required.***

PALS

Course: 3700

TEDS: 85000XXX

The PALS course offers selected 7th and 8th grade middle school students the opportunity to work in community service, peer and cross-age mentoring, and as trained mediators to assist other students in resolving their conflicts in a peaceful way. PALS students select and design a community service project that can be completed in the classroom with an emphasis on helping the surrounding community.

Participants serve as mentors for the campus feeder schools in providing PALS students the opportunity to develop their own talents and communication skills while helping younger students who need an older positive role model, and extra attention at school. The program also provides newly enrolled with a trained student who helps them make the transition to the new campus. The course allows PALS students to work as trained peer mediators by providing 4 to 6 weeks of specialized and ongoing training in conflict mediation. The course is designed to develop leadership, communication, and interpersonal skills in PALS student. PALS student selection involves an application process in which prospective PALS students fill out an application, seek recommendations from current and former teachers, and participate in an interview with PALS trained staff members. The course is offered as a local credit elective on a 36-week schedule. *Application required.*

Physical Education

Course: 0705

TEDS: 03823000

This course is designed to enable students to have a broad base of athletic activities. Emphasis is placed on lifetime activities as well as individual, dual, and team sports. Students will gain knowledge and understanding of physical fitness, history and rules of various sports, wellness behaviors, and proper social conduct. In addition, students will exhibit increased coordination, agility, flexibility, endurance, balance, speed, and power.

Middle School Planning Grid

Use the grids below to plan the courses you will take each year of middle school. Two English Language Arts classes appear on the 7th grade schedule because the course is double blocked during the student's 7th grade year only meaning the course takes up two periods of the school day.

Grade 7

English Language Arts, Grade 7
English Language Arts, Grade 7
Mathematics, Grade 7
Science, Grade 7
Social Studies, Grade 7
Advisory
Elective (Either 1 full year elective or 2 semester electives)
Elective (Either 1 full year elective or 2 semester electives)

Grade 8

English Language Arts, Grade 8
Mathematics, Grade 8
Science, Grade 8
Social Studies, Grade 8
Advisory
Elective (Either 1 full year elective or 2 semester electives)
Elective (Either 1 full year elective or 2 semester electives)
Elective (Either 1 full year elective or 2 semester electives)

Important reminders for both Grade 7 and Grade 8:

- Two semesters of physical education OR one year of athletics is required while in middle school.
- Additional courses of Reading Styles AND/OR Math Quest will be required if STAAR scores indicate. The student's schedule will be changed to meet this requirement.



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