Olathe Public Schools is a partnership of staff, students, parents, and the community.

**Our Vision**
Students prepared for *their* future!

**Our Mission**
To provide a safe, positive environment where all students acquire knowledge and skills to be productive citizens.

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**Student Guiding Principles**

- **Honesty**
  Truthfulness to oneself and others in both words and actions

- **Respect**
  Treating others as you wish to be treated

- **Responsibility**
  Doing what you’re supposed to do when it needs to be done, even when no one is watching

- **Trustworthiness**
  Exhibiting dependable behaviors

**Parent/Patron Guiding Principles**

- **Positive Role Models**
  Setting a good example in words and actions

- **Effective Communicators**
  Actively listening, seeking to understand and proactively interacting with children and other adults

- **Respect For All**
  Treating all others as you wish to be treated

- **Advocates For Education**
  Demonstrating the importance of learning and encouraging academic and personal excellence

- **Active Involvement**
  Making children a priority by being informed and participating in all aspects of the lives of our children

**Staff/Board Guiding Principles**

- **Children First**
- **Respect for All**
- **Teamwork**
- **Excellence & Quality**
- **Commitment to Individual Needs**

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Students Prepared for Their Future
Welcome to Middle School!

We share your excitement as you begin the planning process for middle school. This Program Planning Guide has been developed to provide information for you and your parents to process together, discussing the required classes as well as the elective classes. You will note that middle school offers many opportunities to “explore” new areas of study. Depending on individual need and levels of development, you will have an opportunity to strengthen skills through advanced levels of course work as well as to take part in a wide range of academic support programs.

Middle level learning opportunities are exciting, enjoyable, and challenging. Administrators, counselors and teachers at each of the middle schools are available and ready to help you make the best choices for your next academic school year. We’re excited about the many possibilities that are ahead for you and we look forward to helping you experience the very best that middle level education has to offer.
Considerations For Course Enrollment

The Middle School Day Students attend seven 50-minute classes daily from 7:50 a.m. to 3:10 p.m., with an 8th period, Academic Extension, for 30 minutes at the end of each day. The Academic Extension period is used for getting support/assistance from a teacher, small “targeted skill” group instruction, student clubs, homework, make-up work, WEB activities, pep assemblies and more. Students attending Santa Fe Trail will have a different schedule due to their participation as a Kansas Redesign School. Families should consult the Santa Fe Trail website or staff for further information.

Teaming Students are taught by a team of teachers who coordinate instruction and routines to address student needs. Teams are by grade level.

Middle School Credits Students earn one credit for each year-long class they earn passing grades in both semesters. For passing a semester-long class, they earn .5 credit. Only 6th graders are offered quarter-long elective courses, for which they may earn .25 credit per quarter.

Required Courses: What do I enroll in? Sixth graders must take 5.5 - 6 credits of required classes, and 7th and 8th graders 5 - 5.5 credits of required classes. Required classes include:

*Four Core Subjects* Every student takes a “core” curriculum of four year-long classes in language arts, math, science, and social studies. Of these core subjects, math is differentiated by a general and advanced level at each grade. Students will be placed in math based on the following district criteria: 1) district and state assessment results, 2) MAP scores, 3) current course performance.

*Reading* In addition to their core subjects, students take a required reading class every year. Most take a semester-long Literacy course at each grade level for students reading at grade level and higher. Some students reading below grade level are placed in a year-long reading class to focus on improving their skills. Students’ prior performance on reading and writing tasks is considered when determining their reading class placement.

*Physical Education and Health* Health is integrated into students’ physical education classes. Sixth graders take a year-long Physical Education/Health class, while 7th and 8th graders take P.E./Health one semester of each school year. Students selected for the dance team or cheerleading squad during 7th and/or 8th grades substitute a year-long Cheerleading/Health class or Dance Team/Health class for their semester-long P.E./Health class.

*Academic Support Classes* Teachers, parents, and students may decide that students would benefit from academic support or enrichment beyond the required courses.
- Students with special education I.E.P.s—Individual Education Plans—may take a period of a Resource class, as specified in the student’s I.E.P.
- Other students who need additional academic or organizational support may be directed to a specialized academic support class.
- Students learning English may take ELL—English Language Learner—classes.
To access these classes, contact a middle school counselor.

Elective Courses After required courses are scheduled, sixth graders have up to 1.5 periods remaining in which to enroll in elective courses. Seventh and eighth graders have up to 2 class periods remaining for electives. Students request elective courses as well as elective course alternates, to be used if first-choice courses conflict or are unavailable. Seventh and eighth graders share most elective courses. Elective courses successfully completed typically may not be repeated; exceptions may include Communications/Multi-Media, Theatre, Vocal and Instrumental music depending on building availability.
Overview of Middle School Courses Grades 6-8

Grade 6

**CORE (Required)**
- Language Arts 6
- Literacy 6 (.5)
- Math 6 or Math 6 Plus
- Science 6
- Social Studies 6

**Physical Education/Health (Required)**
- Physical Education/Health (1.0)

**Academic Support**
- ELL
- Guided Study
- Math 180
- QUEST (gifted)
- Read 180 (.5 to 1.0)
- Resource

**Elective Courses**
- Band 6 (1.0)
- Choir 6 (.5 or 1.0)
- Communications/Multi-Media 6 (.25)
- Computer 6 (.25)
- Exploring Art (.25)
- Focus On FACS (.25)
- French 6 (.25)
- Introduction to Technology 6 (.25)
- Leadership Today 6 (.25)
- Orchestra 6 (1.0)
- Spanish 6 (.25)
- Theatre 6 (.25)

Grade 7

**CORE (Required)**
- Language Arts 7
- Literacy 7 (.5)
- Math 7 or Math 7 Plus
- Science 7
- Social Studies 7

**Physical Education/Health (Required)**
- Physical Education/Health (.5)
- Cheerleading/Health (1.0)
- Dance Team/Health (1.0)

**Academic Support**
- ELL
- Guided Study
- Math 180
- QUEST (gifted)
- Read 180 (.5 to 1.0)
- Resource

**Elective Courses**
- Advanced Choir (1.0)
- Advanced Ensemble (1.0)
- Art I (.5)
- Art II (.5)
- Band 7 (1.0)
- Communications/Multi-Media (.5)
- Computer I (.5)
- Computer II (.5)
- Explorations in Technology (.5)
- Focus on French (.5)
- Focus on Spanish (.5)
- Innovations in Computer Coding and App Creating (.5)
- Intermediate Choir (1.0)
- Introduction to Apparel Production (.5)
- Introduction to Culinary I & II (.5)
- Introduction to Fashion, Apparel & Interior Design (FAID) (.5)
- Jazz Band (.5)
- Leadership Concepts (.5)
- Orchestra 7 (1.0)
- Pre-Engineering I & II (.5)
- Spanish for Heritage Speakers (.5)
- Stagecraft (.5)
- Theatre I (.5)
- Theatre II (.5)

Grade 8

**CORE (Required)**
- Language Arts 8
- Literacy 8 (.5)
- Math 8 or Algebra I
- Science 8
- Social Studies 8

**Physical Education/Health (Required)**
- Physical Education/Health (.5)
- Cheerleading/Health (1.0)
- Dance Team/Health (1.0)

**Academic Support**
- ELL
- Guided Study
- Math 180
- QUEST (gifted)
- Read 180 (.5 to 1.0)
- Resource

**Elective Courses**
- Advanced Choir (1.0)
- Advanced Ensemble (1.0)
- AIM 8
- Art I (.5)
- Art II (.5)
- Art III (.5)
- Band 8 (1.0)
- Careers (.5)
- Communications/Multi-Media (.5 or 1.0)
- Computer I (.5)
- Computer II (.5)
- Explorations in Technology (.5)
- Focus on French (.5)
- French I (1.0)
- Focus on Spanish (.5)
- Innovations in Computer Coding and App Creating (.5)
- Intermediate Choir (1.0)
- Introduction to Apparel Production (.5)
- Introduction to Culinary I & II (.5)
- Introduction to Fashion, Apparel & Interior Design (FAID) (.5)
- Introduction to Materials & Processes (.5)
- Jazz Band (.5)
- Leadership Concepts (.5)
- Leadership Exploration (.5)
- Orchestra 8 (1.0)
- Pre-Engineering I & II (.5)
- Spanish 1 (1.0)
- Spanish for Heritage Speakers (.5)
- Stagecraft (.5)
- Theatre I (.5)
- Theatre II (.5)
- Yearbook (.5-1.0)

Electives are offered based on student request and building staffing. Not all electives may be offered in every building.
## Secondary Math Course Sequence

### 5th Grade Math

<table>
<thead>
<tr>
<th>Grade 6</th>
<th>Math 6</th>
<th>Math 6 Plus</th>
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<tbody>
<tr>
<td></td>
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<td>6th Grade &amp; Partial 7th Grade Standards</td>
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<thead>
<tr>
<th>Grade 7</th>
<th>Math 7</th>
<th>Math 7 Plus</th>
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<tbody>
<tr>
<td></td>
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<td>Remaining 7th Grade &amp; 8th Grade Standards</td>
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<table>
<thead>
<tr>
<th>Grade 8</th>
<th>Math 8</th>
<th>Algebra I</th>
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<tr>
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<td>Remaining 8th Grade &amp; HS Alg I Standards</td>
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<thead>
<tr>
<th>Grade 9</th>
<th>Algebra I</th>
<th>Geometry or Hnrs Geometry</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>* Concurrent Enrollment Possible in Alg II/Hnrs Alg II</td>
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<tr>
<th>Grade 10</th>
<th>Geometry/Hnrs Geo</th>
<th>Honors Geometry</th>
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<tbody>
<tr>
<td></td>
<td>* Concurrent Enrollment Possible in Hnrs Algebra II</td>
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<tr>
<th>Grade 11</th>
<th>Algebra II or Honors Algebra II</th>
<th>Pre-Calculus</th>
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<tr>
<th>Grade 12</th>
<th>Higher Level Math</th>
<th>Higher Level Math</th>
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### Higher Level Math Courses Offered For College Credit:
- College Algebra (Year-Long course)
- Pre-Calculus (Year-Long course)
- AP Calculus (AB/BC) (Year-Long course)
- AP Statistics (Year-Long course)
  *(AP Statistics may be taken concurrently during Senior Year)*

### Higher Level Math Courses Not Offered For College Credit:
- Linear Algebra (Semester Course)
- Multivariable Calculus (Semester Course)

Students in the non-accelerated pathway have all options and opportunities available to them in high school and college. Being on a regular math pathway does not limit a student and being on an accelerated math pathway does not provide an advantage for 21st century academies or college admission.
Middle School Courses that lead to High School Career Pathways or 21st Century Academies

Students often wonder what courses they can take in middle school in order to be prepared for a high school career pathway or 21st century academy. The best preparation for participation in these courses at the high school level is to learn as much as possible in ALL classes while in middle school and learn study skills that will facilitate success in all future areas. If searching for electives, the list below can be used as a guide. If you do not see a pathway or 21st century academy that you are interested in listed below, don’t worry. Although there is not a middle school elective class with a direct link to that area, all middle school electives will help prepare for eventual participation. Undecided students are encouraged to try a world language or a fine arts elective which prepares for all high school options.

**Aviation Electronics Pathway**
- Computer 6
- Computer I & II
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes
- Pre-Engineering I & II

**Design Academy**
- Focus on FACS
- Introduction to Fashion, Apparel & Interior Design (FAID)
- Introduction to Technology
- Explorations in Technology
- Introduction to Materials & Processes
- Exploring Art
- Art I & II & III
- Pre-Engineering I & II

**Digital Media Pathway**
- Communications/Multi-Media 6
- Computers 6
- Communications/Multi-Media
- Computer I & II
- Yearbook

**Energy Pathway**
- Computer 6
- Computer I & II
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes

**Family, Community & Consumer Services Pathway**
- Focus on FACS
- Careers

**Future Educators Academy & Government & Public Administration Pathway**
- Careers

**Green Tech Academy**
- Computer 6
- Computer I & II
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes

**Computer Science Academy**
- Computer 6
- Computer I & II

**Construction & Design Pathway**
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Fashion, Apparel & Interior Design
- Introduction to Materials & Processes
- Pre-Engineering I & II

**Business Finance Pathway**
- Math 6,7,8

**Civic Leadership Academy**
- Leadership Today 6
- Leadership Concepts
- Leadership Exploration

**Computer Science Academy**
- Computer 6
- Computer I & II

**Design Academy**
- Focus on FACS
- Introduction to Fashion, Apparel & Interior Design (FAID)
- Introduction to Technology
- Explorations in Technology
- Introduction to Materials & Processes
- Exploring Art
- Art I & II & III
- Pre-Engineering I & II

**Digital Media Pathway**
- Communications/Multi-Media 6
- Computers 6
- Communications/Multi-Media
- Computer I & II
- Yearbook

**Energy Pathway**
- Computer 6
- Computer I & II
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes

**Engineering Academy & Applied Mathematics Pathway**
- Computer 6
- Computer I & II
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes
- Pre-Engineering I & II

**Family, Community & Consumer Services Pathway**
- Focus on FACS
- Careers

**Future Educators Academy & Government & Public Administration Pathway**
- Careers

**Green Tech Academy**
- Computer 6
- Computer I & II
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes

**Manufacturing & Production Pathway & Mobile Equipment Maintenance**
- Introduction to Technology 6
- Explorations in Technology
- Introduction to Materials & Processes

**Program & Software Development Pathway**
- Computer 6
- Computer I & II

**Public Safety Academy**
- Spanish 6
- Focus on Spanish
- Spanish I

**Restaurant & Event Management Pathway**
- Focus on FACS
- Introduction to Culinary I & II

**Teaching/Training Careers**

**Visual Arts—FAID—Fashion, Apparel, Interior Design Pathway**
- Focus on FACS
- Introduction to Fashion, Apparel, & Interior Design (FAID)

**Visual Arts—Graphic Design Pathway AND Web & Digital Communications Pathway**
- Computer 6
- Computer I & II

**For science-based academies (Animal Health, Geoscience, Medical Professions, and Sports Medicine & Exercise Science) not listed above, students are advised to focus on their core classes, especially math and science classes. Additionally, having experience with technology and computer programming is recommended.**

**Distinguished Scholars should excel in one or more of the following areas:**
- Math 6,7,8
- Science 6,7,8
- English 6,7,8
- Social Studies 6,7,8
- Exploring Art 6, Stagecraft 7,8, Art I, II, III
**Grade 6 Courses - Required**

**Language Arts 6**  
Grade Level: 6  
Two Semesters - 1.0 credit  

This course is the beginning of the secondary language arts program. It includes the study of literature and relevant informational text. Effective reading, writing, speaking and listening, and language skills are developed through reading and analyzing complex text. Students will produce argumentative, informational/explanatory, and narrative writing for a variety of purposes. This writing will be grounded in claims and supported with evidence from the text.

**Math 6**  
Grade Level: 6  
Two Semesters - 1.0 credit  

This course focuses on mathematical practices and four critical areas of content: 1) connecting fractions to ratio and rate along with solving problems; 2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; 3) writing, interpreting, and using expressions and equations; and 4) developing understanding of statistical thinking. This course stresses the depth and rigor for future math course success.

**Math 6 Plus**  
Grade Level: 6  
Two Semesters - 1.0 credit  

This course combines all of the Kansas College and Career Standards for Mathematics for Grade 6 and some Grade 7 standards into one course. The standards are bundled by units from decimal computation to algebraic skills such as equations and expressions. The mathematical practices are applied to proportional reasoning, operations with rational numbers, linear equations, and real-world applications. **Enrollment Note:** Students will be placed in this course based on the following district criteria: 1) district and state assessment results, 2) MAP scores, 3) current course performance.

**Science 6**  
Grade Level: 6  
Two Semesters - 1.0 credit  

This course will introduce students to basic chemistry, along with an exploration of earth-space concepts and human body systems. Conducted in a laboratory setting, this course emphasizes investigative science and activity-based learning.

**Social Studies 6**  
Grade Level: 6  
Two Semesters - 1.0 credit  

Social Studies 6 focuses on an exploration of the ancient civilizations of the world and the civilizations of Middle America through the lens of their history, geography, economics, and government.

**Physical Education/Health**  
Grade Level: 6  
Two Semesters - 1.0 credit  

The goal of Physical Education/Health is to develop physically and healthy individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity and engage in healthful behaviors.

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**Reading**

**Literacy 6**  
Grade Level: 6  
One Semester - 0.5 credit  

This course is designed to support the work of the 6th grade subject areas by using the literacies of the different disciplines and incorporating them into the areas of reading, writing, and speaking and listening. Students will demonstrate their knowledge of the different literacies through different methods including writing, projects, discussions, and presentations. This work in this course is focused on close reading and high levels of critical thinking.

**Read 180**  
Grade Level: 6  
One or Two Semesters - 0.5-1.0 credit  

This course offers intensive instruction to improve basic reading skills in terms of comprehension, vocabulary, and fluency based on individual student needs. Students will also choose reading material based on interest and reading level. **Enrollment Note:** Students are placed into this class based on district criteria.
Band 6
Grade Level: 6
Two Semesters - 1.0 credit

Students may have had prior band experience in 5th grade or start as beginners. Enrollment Note: Throughout the year, attendance is required at performances and rehearsals, which may be scheduled before/after school, in the evening and on weekends. Regular at-home practice will be required as a graded assignment. Students must provide their own instrument. A uniform purchase may be required. Financial assistance is available to those who qualify.

Choir 6
Grade Level: 6
One or Two Semesters - 0.5-1.0 credit

Students will discover the joy of singing while building relationships that last a lifetime. Singers will build confidence and skills that prepare them for future success. Enrollment Note: Throughout the year, attendance is required at performances and rehearsals, which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required. Financial assistance is available to those who qualify.

Communications/Multi-Media 6
Grade Level: 6
One Quarter - 0.25 credit

This course will expose students to increased speech, interpersonal communications, media, and introductory journalism skills. Writing skills will also be addressed.

Computer 6
Grade Level: 6
One Quarter - 0.25 credit

Impress your friends and family with the newest and most exciting technologies! This course introduces students to the basic areas of technology through the use of fun projects and activities such as: Wed 2.0 tools, Paint, email, internet, Microsoft Word, Excel, PowerPoint, Publisher, and typing skills. This is a great class that prepares students for future computer courses.

Exploring Art
Grade Level: 6
One Quarter - 0.25 credit

Students will explore a variety of 2-D and 3-D media. Basic techniques and an overview of artistic materials will be stressed. The emphasis will be on developing the student’s creativity and imagination.

Focus on FACS 6
Grade Level: 6
One Quarter - 0.25 credit

This course introduces students to basic cooking & nutrition, basic sewing, and personal/family relationships. Additionally, students will learn child care while learning to be a good friend and family member along with related career opportunities.

French 6
Grade Level: 6
One Quarter - 0.25 credit

This course introduces students to the French language and culture around the world. Students learn vocabulary and phrases related to daily life and personal interests.

Introduction to Technology 6
Grade Level: 6
One Quarter - 0.25 credit

This course provides an opportunity for students to explore and develop an awareness of modern technology and related career opportunities. Students will investigate areas such as engineering, graphic communications, electronics, and research & design.

Leadership Today 6
Grade Level: 6
One Quarter - 0.25 credit

This course examines past and present leaders in a variety of fields. Students are introduced to leadership skills and concepts.

Math 180
Grade Level: 6, 7, 8
One or Two Semesters - 0.5-1.0 credit

This course offers intensive instruction to improve basic math skills in terms of concept development, application, and fluency based on individual student needs. Enrollment Note: Students are placed into this class based on district criteria.

Orchestra 6
Grade Level: 6
Two Semesters - 1.0 credit

This course is open to all students who play violin, viola, cello and string bass. Students should be starting their second year of instruction. Enrollment Note: Attendance is required at all rehearsals and performances. Regular at-home practice will be required as a graded assignment. Students on violin, viola, and cello must furnish their own instrument. A uniform purchase may be required. Financial assistance is available to those who qualify.

Spanish 6
Grade Level: 6
One Quarter - 0.25 credit

This course introduces students to the Spanish language and the Hispanic culture around the world. Students learn vocabulary and phrases related to daily life and personal interests.

Theatre 6
Grade Level: 6
One Quarter - 0.25 credit

Enter the thrilling and interactive world of theatre. This class will help build self-confidence and creative expression through introductory acting techniques, dramatic movement and vocal work.
Grade 7 Courses - Required

CORE

Language Arts 7  LA 010 A/B
Grade Level: 7
Two Semesters - 1.0 credit
This course includes the study of literature and relevant informational text. Effective reading, writing, speaking and listening, and language skills are developed through reading and analyzing complex text. Students will produce argumentative, informational/explanatory, and narrative writing for a variety of purposes. This writing will be grounded in claims and supported with evidence from the text.

Math 7  MA 010 A/B
Grade Level: 7
Two Semesters - 1.0 credit
This course emphasizes mathematical practices applied to the following critical areas: developing understanding and application of proportional relationships, operations with rational numbers, working with expressions and linear equations, solving problems involving scale drawings and geometric constructions, as well as working with 2D and 3D shapes to solve problems involving area, surface area, and volume.

Math 7 Plus  MA 017 A/B
Grade Level: 7
Two Semesters - 1.0 credit
Prerequisite: Math 6 Plus
This course combines the remainder of the Kansas College and Career Standards for Mathematics for Grade 7 and the majority of the Grade 8 Standards into one course. The standards are bundled by units from real number computation to algebraic skills such as equations and functions. The mathematical practices are applied to the real number system, equations, statistic and probability, geometry, and real-world applications.

Science 7  SC 010 A/B
Grade Level: 7
Two Semesters - 1.0 credit
This course will explore life processes and environmental studies. Conducted in a laboratory setting, this course emphasizes investigative science and activity-based learning.

Social Studies 7  SS 010 A/B
Grade Level: 7
Two Semesters - 1.0 credit
This course includes a semester of geography that examines the world, and a semester of Kansas history and government.

Reading

Literacy 7  LA 121
Grade Level: 7
One Semester - 0.5 credit
This course is designed to support the work of the 7th grade subject areas by using the literacies of the different disciplines and incorporating them into the areas of reading, writing, and speaking and listening. Students will demonstrate their knowledge of the different literacies through different methods including writing, projects, discussions, and presentations. This work in this course is focused on close reading and high levels of critical thinking.

Physical Education & Health

Cheerleading/Health  PE 140 A/B
Grade Level: 7, 8
Two Semesters - 1.0 credit
Admission to this course is by audition only. Grades and citizenship must be in compliance with the Kansas State High School Activities Association. The class emphasizes cheerleading skills and technique, conditioning, leadership, and squad unity. This course satisfies the physical education requirement. The health curriculum will also be delivered to students enrolled in this course.

Dance Team/Health  PE 150 A/B
Grade Level: 7, 8
Two Semesters - 1.0 credit
Admission to this course is by audition only. Grades and citizenship must be in compliance with the Kansas State High School Activities Association in order to audition. The class includes choreographing and learning routines, performing at various functions, and attending extra rehearsals. This course satisfies the physical education requirement. The health curriculum will also be delivered to students enrolled in this course.

Physical Education/Health  PE 110
Grade Level: 7
One Semester - 0.5 credit
The goal of Physical Education/Health is to develop physically and healthy individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity and engage in healthful behaviors.
## Grade 7 Courses - Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Duration</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Advanced Choir</strong></td>
<td>PA 140 A/B</td>
<td>7, 8</td>
<td>Two Semesters - 1.0 credit</td>
<td>This class focuses on advanced study in vocal technique, sight singing and performance practices. <em>Enrollment Note:</em> An audition may be required for this course. Throughout the year, attendance is required at ensemble performances and rehearsals which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required, and financial assistance is available for those who qualify.</td>
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<tr>
<td><strong>Advanced Ensemble</strong></td>
<td>PA 145 A/B</td>
<td>7, 8</td>
<td>Two Semesters - 1.0 credit</td>
<td>This advanced choral experience focuses on progressive ensemble skills, vocal techniques, and music literacy skills. Independent singing, vocal technique, and sight singing skills will be developed. <em>Enrollment Note:</em> An audition may be required for this course. Throughout the year, attendance is required at performances and rehearsals which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required, and financial assistance is available for those who qualify.</td>
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<tr>
<td><strong>Art I</strong></td>
<td>AR 110M</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>This introductory art course is designed to provide seventh and eighth grade students an opportunity to experience drawing, painting, printmaking, ceramics, and sculpture. The Elements of Art, artists, and art history will provide a framework for this experience.</td>
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<tr>
<td><strong>Art II</strong></td>
<td>AR 120</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>This course is designed for both seventh and eighth grade students who will be building on what they learned in Art I. There will be an emphasis on the Elements of Art and Principles of Design while creating a variety of 2-D and 3-D projects.</td>
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<tr>
<td><strong>Band 7</strong></td>
<td>PA 020 A/B</td>
<td>7</td>
<td>Two Semesters - 1.0 credit</td>
<td>Prerequisite: Band 6 or permission by instructor. This course is open to all 7th grade band students and focuses on the continued development of instrument and performance techniques. <em>Enrollment Note:</em> Throughout the year, attendance is required at performances and rehearsals, which may be scheduled before/after school, in the evening and on weekends. Regular at-home practice will be required as a graded assignment. Students must provide their own instrument. A uniform purchase may be required, and financial assistance is available for those who qualify.</td>
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<tr>
<td><strong>Communications/Multi-Media</strong></td>
<td>LA 140</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>The focus of this course is improving communication skills through oral and written language. Students will study journalism, write articles, and produce the school newspaper.</td>
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<tr>
<td><strong>Computer I</strong></td>
<td>CP 400M</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>This is a project-based course which helps prepare students to use technology and provides further experiences with word processing, spreadsheets, presentations and graphical applications. Course content is updated frequently to reflect new technologies.</td>
</tr>
<tr>
<td><strong>Computer II</strong></td>
<td>CP 410M</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>Prerequisite: Computer I. This course is designed to help students build on what they learned in Computer I. This class expands students’ knowledge of computer software. Course content is updated frequently to reflect new technologies.</td>
</tr>
<tr>
<td><strong>Explorations in Technology</strong></td>
<td>IT 110</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>This course is an introduction into a wide variety of careers in technology. Students have the opportunity to explore areas such as electricity, plastics, robotics, computer-aided drafting and design, home makeover, engines, flight, energy power and mechanics, applied physics, CNC manufacturing, audio broadcasting, and practical skills.</td>
</tr>
<tr>
<td><strong>Focus on French</strong></td>
<td>FL 100</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>Students explore Francophone countries, focusing on their cultural differences, holidays, and customs. Students interact with vocabulary and phrases related to daily life and personal interests.</td>
</tr>
<tr>
<td><strong>Focus on Spanish</strong></td>
<td>FL 110</td>
<td>7, 8</td>
<td>One Semester - 0.5 credit</td>
<td>Students explore Spanish-speaking countries, focusing on their cultural differences, holidays, and customs. Students interact with vocabulary and phrases related to daily life and personal interests.</td>
</tr>
</tbody>
</table>
Grade 7 Courses - Electives

Innovations in Computer Coding and App Creating  
Grade Level: 7, 8  
One Semester - 0.5 credit  
This course will allow students to discover computer science concepts and skills by creating projects and developing mobile apps. Students will learn about programming by blending hardware design and software development. Students will customize their experience by choosing a problem that interests them.

Intermediate Choir  
Grade Level: 7, 8  
Two Semesters - 1.0 credit  
This class focuses on intermediate to advanced study of vocal technique, sight singing, and ensemble performance practices. **Enrollment Note:** An audition may be required for this course. Throughout the year, attendance is required at performances and rehearsals which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required. Financial assistance is available for those who qualify.

Introduction to Apparel Production  
Grade Level: 7, 8  
One Semester - 0.5 credit  
This introductory level course gives students an opportunity to learn the basics of sewing and proper machine use. Students will learn safe use of a sewing machine and specific equipment, textile selection, and basic construction techniques. Through hands-on projects and presentations students will learn how to create designs for home and personal use. **Enrollment Note:** Students will furnish their own supplies for individual projects.

Introduction to Culinary I  
Grade Level: 7, 8  
One Semester - 0.5 credit  
This course will introduce students to skills and knowledge in the areas of kitchen and meal management. Safety, sanitation, lab management, and nutrition are emphasized in each unit. Cooking lab experiences will include baking, preparing protein, fresh produce, and international foods.

Introduction to Culinary II  
Grade Level: 7, 8  
One Semester - 0.5 credit  
Students will learn proper cooking and preparation techniques, scientific principles relating to recipes, and the role each plays in a healthy diet. Basics of kitchen management and safety are integral to each preparation lab. Healthy food choices are emphasized in each unit.

Introduction to Fashion, Apparel & Interior Design (FAID)  
Grade Level: 7, 8  
One Semester - 0.5 credit  
This introductory level course gives students an opportunity to learn the basics of the design industry with special focus on fashion, interiors and apparel. Through hands-on projects and presentations, students will learn about the basics of color, fashion history, design principles, textile selection, fashion basics, entrepreneurship and careers in design fields. **Enrollment Note:** Students will furnish their own supplies for individual projects.

Jazz Band  
Grade Level: 7, 8  
One Semester - 0.5 credit  
Prerequisite: Band 6 or permission by instructor  
Concurrent enrollment in Band 7/8 or Orchestra 7/8 is required. This course provides students with strong fundamental skills covered in the concert band classes, with an introduction to various jazz styles, solo improvisation, and performance opportunities. **Enrollment Note:** Throughout the year, attendance is required at performances and rehearsals, which may be scheduled before/after school, in the evening and on weekends. Regular at-home practice will be required as a graded assignment. Students must provide their own instrument. A uniform purchase may be required. Financial assistance is available for those who qualify.

Leadership Concepts  
Grade Level: 7, 8  
One Semester - 0.5 credit  
This class introduces students to the various types of leaders and models of leadership. Students will participate in team building activities and develop their knowledge of leadership skills and concepts. Students will research and propose solutions to building-level issues.

Math 180  
Grade Level: 6, 7, 8  
One or Two Semesters - 0.5-1.0 credit  
This course offers intensive instruction to improve basic math skills in terms of concept development, application, and fluency based on individual student needs. **Enrollment Note:** Students are placed into this class based on district criteria.

Orchestra 7  
Grade Level: 7  
Two Semesters - 1.0 credit  
Prerequisite: Orchestra 6 or permission by instructor  
This course is open to all students who play violin, viola, cello and string bass. Students should be starting their third year of instruction. **Enrollment Note:** Attendance is required at all rehearsals and performances. Regular at-home practice will be required as a graded assignment. Students on violin, viola, and cello must furnish their own instrument. A uniform purchase may be required. Financial assistance is available for those who qualify.
## Grade 7 Courses - Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Engineering I</td>
<td>YA 565</td>
<td>7, 8</td>
<td>0.5</td>
<td>Students learn about the different engineering fields along with the design process of engineering through project-based learning. They use the design process to learn about flight as well as different drawing techniques. Students are introduced to industry software and 3D printing. <em>Enrollment Note: This course may not be offered at all middle schools.</em></td>
</tr>
<tr>
<td>Pre-Engineering II</td>
<td>YA 566</td>
<td>7, 8</td>
<td>0.5</td>
<td>Students learn about the 6 simple machines used in engineering and gears used to create robots to perform different tasks. They will use this knowledge to build simple machines while also learning about different circuits and components. <em>Enrollment Note: This course may not be offered at all middle schools.</em></td>
</tr>
<tr>
<td>Spanish for Heritage Speakers</td>
<td>FL 120</td>
<td>7, 8</td>
<td>0.5</td>
<td>This course is designed specifically for students who have already gained speaking and listening proficiency in Spanish in a home or other community setting or in a previous school setting outside of the United States. Students will strengthen their reading and writing skills in Spanish through study and discussion of language structure, cultural and current events, and academic language. This class is conducted entirely in Spanish. Students may be asked to complete a language assessment to determine proper placement in this course. <em>Enrollment Note: Students may take this course in both 7th and 8th grade if desired. This course may not be offered at all middle schools.</em></td>
</tr>
<tr>
<td>Stagecraft</td>
<td>PA 180</td>
<td>7, 8</td>
<td>0.5</td>
<td>Students will take a look behind the scenes in this technical theatre course. Students get hands-on experience with design, scenic painting, costumes, makeup, prop construction, and other aspects of production work.</td>
</tr>
<tr>
<td>Theatre I</td>
<td>PA 160</td>
<td>7, 8</td>
<td>0.5</td>
<td>Explore the multi-faceted world of theatre in this introductory class. Students will cultivate self-expression and confidence through a collaborative look at movement, acting techniques, and performance. Students will also improve their creative thinking and analytical skills through scriptwriting and interpretation.</td>
</tr>
<tr>
<td>Theatre II</td>
<td>PA 190</td>
<td>7, 8</td>
<td>0.5</td>
<td>This class is an in-depth course that builds upon the skills and techniques learned in Theatre I. This class will challenge students’ leadership and creativity as they collaborate in theatre projects such as scene work, playwriting, play production, script analysis, and character development.</td>
</tr>
</tbody>
</table>
## Grade 8 Courses - Required

### CORE

#### Algebra I

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>MA 520</td>
<td>8</td>
<td>1.0</td>
<td>Math 7 Plus</td>
<td>Students engage in methods for analyzing, solving, and using quadratic</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
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<td>functions. Students experience mathematics as a coherent, useful, and</td>
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<td>logical subject that makes use of problem solving skills. Students will</td>
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<td>analyze and explain the process of solving an equation as well as write,</td>
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<td></td>
<td>interpret, and translate between various forms of linear equations and</td>
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<td></td>
<td></td>
<td>inequalities.</td>
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</tbody>
</table>

#### Math 8

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 8</td>
<td>MA 110</td>
<td>8</td>
<td>1.0</td>
<td>Students continue to build an algebra foundation from earlier grades.</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
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<td>This course embeds the mathematical practices throughout learning.</td>
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<td>Instruction will focus on an in-depth study of expressions and equations</td>
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<td>leading to linear equations. The concept of a function will be formalized</td>
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<td>to prepare students for Algebra 1. The course ends with geometric concepts</td>
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<td>of angles, distance, similarity, scatter plots, congruence and applying the</td>
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<td></td>
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<td></td>
<td></td>
<td>Pythagorean Theorem.</td>
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</tbody>
</table>

#### Language Arts 8

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts</td>
<td>LA 110</td>
<td>8</td>
<td>1.0</td>
<td>This course includes the study of literature and relevant informational</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
<td></td>
<td>text. Effective reading, writing, speaking and listening, and language skills</td>
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<td></td>
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<td>are developed through reading and analyzing complex text. Students will</td>
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<td></td>
<td>produce argumentative, informational/explanatory, and narrative writing</td>
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<td>for a variety of purposes.</td>
</tr>
</tbody>
</table>

#### Science 8

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science 8</td>
<td>SC 110</td>
<td>8</td>
<td>1.0</td>
<td>This course explores the science of the dynamic earth and the universe,</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
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<td>along with an integration of basic chemistry. Conducted in a laboratory</td>
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<td></td>
<td>setting, this course emphasizes investigative science and activity-based</td>
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<td></td>
<td></td>
<td>learning.</td>
</tr>
</tbody>
</table>

#### Social Studies 8

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies</td>
<td>SS 110</td>
<td>8</td>
<td>1.0</td>
<td>This is a survey of American history from the end of the American Revolution</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
<td></td>
<td>to 1900. Units include: the beginnings of the national government, westward</td>
</tr>
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<td>expansion, Jacksonian democracy, the Civil War and Reconstruction, the end</td>
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<td></td>
<td>of the frontier and the growth of big business.</td>
</tr>
</tbody>
</table>

### Reading

#### Literacy 8

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literacy 8</td>
<td>LA 122</td>
<td>8</td>
<td>0.5</td>
<td>This course is designed to support the work of the 8th grade subject areas</td>
</tr>
<tr>
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<td></td>
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<td>by using the literacies of the different disciplines and incorporating them</td>
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<td>into the areas of reading, writing, and speaking and listening. Students</td>
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<td></td>
<td>will demonstrate their knowledge of the different literacies through</td>
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<td></td>
<td>different methods including writing, projects, discussions, and presentations.</td>
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<td></td>
<td>The work in this course is focused on close reading and high levels of</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>critical thinking.</td>
</tr>
</tbody>
</table>

#### Read 180

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Read 180</td>
<td>WW 351</td>
<td>7</td>
<td>0.5-1.0</td>
<td>This course offers intensive instruction to improve basic reading skills in</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
<td></td>
<td>terms of comprehension, vocabulary, and fluency based on individual student</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>needs. Students will also choose reading material based on interest and</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>reading level. Enrollment Note: Students are placed into this class based on</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>district criteria.</td>
</tr>
</tbody>
</table>

### Physical Education & Health

#### Cheerleading/Health

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheerleading/Health</td>
<td>PE 140</td>
<td>7, 8</td>
<td>1.0</td>
<td>Admission to this course is by audition only. Grades and citizenship must</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
<td></td>
<td>be in compliance with the Kansas State High School Activities Association.</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>The class emphasizes cheerleading skills and technique, conditioning,</td>
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<td></td>
<td>leadership, and squad unity. This course satisfies the physical education</td>
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<td></td>
<td></td>
<td></td>
<td>requirement. The health curriculum will also be delivered to students</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>enrolled in this course.</td>
</tr>
</tbody>
</table>

#### Dance Team/Health

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dance Team/Health</td>
<td>PE 150</td>
<td>7, 8</td>
<td>1.0</td>
<td>Admission to this course is by audition only. Grades and citizenship must</td>
</tr>
<tr>
<td></td>
<td>A/B</td>
<td></td>
<td></td>
<td>be in compliance with the Kansas State High School Activities Association.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The class includes choreographing and learning routines, performing at</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>various functions, and attending extra rehearsals. This course satisfies the</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>physical education requirement. The health curriculum will also be delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>to students enrolled in this course.</td>
</tr>
</tbody>
</table>

#### Physical Education/Health

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education/Health</td>
<td>PE 120</td>
<td>8</td>
<td>0.5</td>
<td>The goal of Physical Education/Health is to develop physically and healthy</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td></td>
<td></td>
<td>individuals who have the knowledge, skills and confidence to enjoy a lifetime</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>of healthful physical activity and engage in healthful behaviors.</td>
</tr>
</tbody>
</table>
## Grade 8 Courses - Electives

### Advanced Choir

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Semesters - 1.0 credit</td>
</tr>
</tbody>
</table>

This class focuses on advanced study in vocal technique, sight singing and ensemble performance practices. **Enrollment Note:** An audition may be required for this course. Throughout the year, attendance is required at performances and rehearsals which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required. Financial assistance is available for those who qualify.

### Advanced Ensemble

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Semesters - 1.0 credit</td>
</tr>
</tbody>
</table>

This advanced choral experience focuses on progressive ensemble skills, vocal technique, and music literacy skills. Independent singing, vocal technique, and sight singing skills will be developed. **Enrollment Note:** An audition may be required for this course. Throughout the year, attendance is required at performances and rehearsals which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required. Financial assistance is available for those who qualify.

### AIM 8

<table>
<thead>
<tr>
<th>Grade Level: 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Semesters - 1.0 credit</td>
</tr>
</tbody>
</table>

This course is an elective class for students who are college-bound. Students learn college and career readiness skills to enhance academic success. Students will set goals, learn about time management and note-taking skills, create a four-year high school academic plan and work effectively in collaborative groups while learning about future college and career options. **Enrollment Note:** Students are placed into this class based on district criteria. This course may not be offered at all middle schools.

### Art I

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

This introductory art course is designed to provide seventh and eighth grade students an opportunity to experience drawing, painting, printmaking, ceramics, and sculpture. The elements of art, artists, and art history will provide a framework for this experience.

### Art II

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

Prerequisite: Art I

This course will be an emphasis on the elements of art and principles of design while creating a variety of 2-D and 3-D projects.

### Art III

<table>
<thead>
<tr>
<th>Grade Level: 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

Prerequisite: Art II

This advanced class offers an in-depth examination of the creative process. Eighth grade students who would like to take an additional art class may enroll in this class again with instructor permission.

### Band 8

<table>
<thead>
<tr>
<th>Grade Level: 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Semesters - 1.0 credit</td>
</tr>
</tbody>
</table>

Prerequisite: Band 7 or permission by instructor

This course is open to all 8th grade band students and focuses on the advanced study of instrument and performance techniques. **Enrollment Note:** Throughout the year, attendance is required at performances and rehearsals, which may be scheduled before/after school, in the evening and on weekends. Regular at-home practice will be required as a graded assignment. Students must provide their own instrument. A uniform purchase may be required. Financial assistance is available for those who qualify.

### Careers

<table>
<thead>
<tr>
<th>Grade Level: 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

This class develops knowledge and skills and explores attitudes needed for success in school and the workplace. Students explore topics relating to identifying their own interests, career possibilities, pre-employment skills, workplace skills, and educational goals. This class will have guest speakers. Students in this class are introduced to the career clusters and Olathe's High School Pathway and Academy options.

### Communications/Multi-Media

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>One or Two Semesters - 0.5-1.0 credit</td>
</tr>
</tbody>
</table>

The focus of this course is improving communication skills through oral and written language. Students will study journalism, write articles, and produce the school newspaper.

### Computer I

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

This is a project-based course which helps prepare students to use technology and provides further experiences with word processing, spreadsheets, presentations and graphical applications. Course content is updated frequently to reflect new technologies.

### Computer II

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
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</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

Prerequisite: Computer I

This course is designed to help students build on what they learned in Computer I. This class expands students’ knowledge of computer software. Course content is updated frequently to reflect new technologies.

### Explorations in Technology

<table>
<thead>
<tr>
<th>Grade Level: 7, 8</th>
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</thead>
<tbody>
<tr>
<td>One Semester - 0.5 credit</td>
</tr>
</tbody>
</table>

This course is an introduction into a wide variety of careers in technology. Students have the opportunity to explore areas such as electricity, plastics, robotics, computer-aided drafting and design, home makeover, engines, flight, energy power and mechanics, applied physics, CNC manufacturing, audio broadcasting, and practical skills.
# Grade 8 Courses - Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Level</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Focus on French</strong> FL 100</td>
<td>7, 8</td>
<td>0.5</td>
<td>Students explore French countries, focusing on their cultural differences, holidays, and customs. Students interact with vocabulary and phrases related to daily life and personal interests.</td>
</tr>
<tr>
<td><strong>Focus on Spanish</strong> FL 110</td>
<td>7, 8</td>
<td>0.5</td>
<td>Students explore Spanish-speaking countries, focusing on their cultural differences, holidays, and customs. Students interact with vocabulary and phrases related to daily life and personal interests.</td>
</tr>
<tr>
<td><strong>French I</strong> FL 410M A/B</td>
<td>8</td>
<td>1.0</td>
<td>This class is designed for students who have had little or no experience learning French. Students learn about the French culture and learn to communicate in the context of ordinary, daily situations. In order to promote language proficiency, much of this class is taught in French. Students who complete this course continue to French II. <strong>Enrollment Note:</strong> Students must take French 1 in 8th grade if they plan to enroll in AP French their senior year in high school.</td>
</tr>
<tr>
<td><strong>Innovations in Computer Coding and App Creating</strong> CP 120</td>
<td>7, 8</td>
<td>0.5</td>
<td>This course will allow students to discover computer science concepts and skills by creating projects and developing mobile apps. Students will learn about programming by blending hardware design and software development. Students will customize their experience by choosing a problem that interests them.</td>
</tr>
<tr>
<td><strong>Intermediate Choir</strong> PA 120 A/B</td>
<td>7, 8</td>
<td>1.0</td>
<td>This class focuses on intermediate to advanced study of vocal technique, sight singing, and ensemble performance practices. <strong>Enrollment Note:</strong> An audition may be required for this course. Throughout the year, attendance is required at performances and rehearsals which may be scheduled before/after school, in the evening, and on weekends. Home practice may be required as a graded assignment. A uniform purchase may be required, and financial assistance is available for those who qualify.</td>
</tr>
<tr>
<td><strong>Introduction to Apparel Production</strong> HE 160</td>
<td>7, 8</td>
<td>0.5</td>
<td>This introductory level course gives students an opportunity to learn the basics of sewing and proper machine use. Students will learn safe use of a sewing machine and specific equipment, textile selection, and basic construction techniques. Through hands-on projects and presentations students will learn how to create designs for home and personal use. <strong>Enrollment Note:</strong> Students will furnish their own supplies for individual projects.</td>
</tr>
<tr>
<td><strong>Introduction to Culinary I</strong> HE 130</td>
<td>7, 8</td>
<td>0.5</td>
<td>This course will introduce students to skills and knowledge in the areas of kitchen and meal management. Safety, sanitation, lab management, and nutrition are emphasized in each unit. Cooking lab experiences will include baking, preparing protein, fresh produce, and international foods.</td>
</tr>
<tr>
<td><strong>Introduction to Culinary II</strong> HE 140</td>
<td>7, 8</td>
<td>0.5</td>
<td>Students will learn proper cooking and preparation techniques, scientific principles relating to recipes, and the role each plays in a healthy diet. Basics of kitchen management and safety are integral to each preparation lab. Healthy food choices are emphasized in each unit.</td>
</tr>
<tr>
<td><strong>Introduction to Fashion, Apparel &amp; Interior Design (FAID)</strong> HE 170</td>
<td>7, 8</td>
<td>0.5</td>
<td>This introductory level course gives students an opportunity to learn the basics of the design industry with special focus on fashion, interiors and apparel. Through hands-on projects and presentations students will learn about the basics of color, fashion history, design principles, textile selection, fashion basics, entrepreneurship and careers in design fields. <strong>Enrollment Note:</strong> Students will furnish their own supplies for individual projects.</td>
</tr>
<tr>
<td><strong>Introduction to Materials &amp; Processes</strong> IT 210</td>
<td>8</td>
<td>0.5</td>
<td>This course is designed for students with an interest in woods, metals, plastics, and related technologies. After an introduction involving drafting, machine and shop safety, students fabricate projects using basic drawings and equipment.</td>
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</tbody>
</table>
Jazz Band
Grade Level: 7, 8
One Semester - 0.5 credit
Prerequisite: Band 6 or permission by instructor
Concurrent enrollment in Band 7/8 or Orchestra 7/8 is required. This course provides students with strong fundamental skills covered in the concert band classes, with an introduction to various jazz styles, solo improvisation, and performance opportunities. Enrollment Note: Throughout the year, attendance is required at performances and rehearsals, which may be scheduled before/after school, in the evening and on weekends. Regular at-home practice will be required as a graded assignment. Students must provide their own instrument. A uniform purchase may be required. Financial assistance is available for those who qualify.

Leadership Concepts
Grade Level: 7, 8
One Semester - 0.5 credit
This class introduces students to the various types of leaders and models of leadership. Students will participate in team building activities and develop their knowledge of leadership skills and concepts. Students will research and propose solutions to building-level issues.

Leadership Explorations
Grade Level: 8
One Semester - 0.5 credit
Students will assess and define their personal leadership style. Students participate in team building activities and further develop their own leadership skills. Students research and present a social advocacy project.

Math 180
Grade Level: 6, 7, 8
One or Two Semesters - 0.5-1.0 credit
This course offers intensive instruction to improve basic math skills in terms of concept development, application, and fluency based on individual student needs. Enrollment Note: Students are placed into this class based on district criteria.

Orchestra 8
Grade Level: 8
Two Semesters - 1.0 credit
Prerequisite: Orchestra 7 or permission by instructor
This course is open to all students who play violin, viola, cello and string bass. Students should be starting their fourth year of instruction. Enrollment Note: Attendance is required at all rehearsals and performances. Regular at-home practice will be required as a graded assignment. Students on violin, viola, and cello must furnish their own instrument. A uniform purchase may be required. Financial assistance is available for those who qualify.

Pre-Engineering I
Grade Level: 7, 8
One Semester - 0.5 credit
Students learn about the different engineering fields along with the design process of engineering through project-based learning. They use the design process to learn about flight as well as different drawing techniques. Students are introduced to industry software and 3D printing. Enrollment Note: This course may not be offered at all middle schools.

Pre-Engineering II
Grade Level: 7, 8
One Semester - 0.5 credit
Prerequisite: Pre-Engineering I
Students learn about the 6 simple machines used in engineering and gears used to create robots to perform different tasks. They will use this knowledge to build simple machines while also learning about different circuits and components. Enrollment Note: This course may not be offered at all middle schools.

Spanish I
Grade Level: 8
Two Semesters - 1.0 credit
This class is designed for students who have had little or no experience learning Spanish. Students learn about the Hispanic culture and to communicate in the context of ordinary, daily situations. In order to promote language proficiency, much of this class is taught in Spanish. Students who complete this course continue to Spanish II. Enrollment Note: Students must take Spanish 1 in 8th grade if they plan to enroll in AP Spanish their senior year in high school.

Spanish for Heritage Speakers
Grade Level: 7, 8
One Semester - 0.5 credit
This course is designed specifically for students who have already gained speaking and listening proficiency in Spanish in a home or other community setting or in a previous school setting outside of the United States. Students will strengthen their reading and writing skills in Spanish through study and discussion of language structure, cultural and current events, and academic language. This class is conducted entirely in Spanish. Students may be asked to complete a language assessment to determine proper placement in this course. Enrollment Note: Students may take this course in both 7th and 8th grade if desired. This course may not be offered at all middle schools.

Stagecraft
Grade Level: 7, 8
One Semester - 0.5 credit
Students will take a look behind the scenes in this technical theatre course. Students get hands-on experience with design, scenic painting, costumes, makeup, prop construction, and other aspects of production work.
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<tbody>
<tr>
<td>Theatre I</td>
<td>PA 160</td>
</tr>
<tr>
<td>Grade Level:</td>
<td>7, 8</td>
</tr>
<tr>
<td>One Semester</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>Explore the multi-faceted world of theatre in this introductory class. Students will cultivate self-expression and confidence through a collaborative look at movement, acting techniques, and performance. Students will also improve their creative thinking and analytical skills through scriptwriting and interpretation.</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Theatre II</th>
<th>PA 190</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Level:</td>
<td>7, 8</td>
</tr>
<tr>
<td>One Semester</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Theatre I</td>
</tr>
<tr>
<td>This class is an in-depth course that builds upon the skills and techniques learned in Theatre I. This class will challenge students’ leadership and creativity as they collaborate in theatre projects such as scene work, playwriting, play production, script analysis, and character development.</td>
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<table>
<thead>
<tr>
<th>Yearbook</th>
<th>LA 240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Level:</td>
<td>8</td>
</tr>
<tr>
<td>One or Two Semesters</td>
<td>0.5-1.0 credit</td>
</tr>
<tr>
<td>This course exposes students to increased communications, media, and introductory journalism skills, including producing the school yearbook.</td>
<td></td>
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</tbody>
</table>
Notification Statement of Non-discrimination:
The Olathe Public Schools prohibit discrimination on the basis of race, color, ethnicity, national origin, age, disability, age, religion, sexual orientation or gender identity in its programs, activities or employment, and provides equal access to the Boy Scouts and other designated youth groups to its facilities as required by: Title IX of the Education Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, the Americans with Disabilities Act (ADA), the Individuals with Disabilities Education Act, Section 504 of the Rehabilitation Act of 1973, the Equal Access Act of 1984 and other relevant state and federal laws as amended. Inquiries regarding compliance with applicable civil rights statutes related to race, ethnicity, gender, age discrimination, sexual orientation, gender identity or equal access may be directed to Staff Counsel, 14160 S. Black Bob Road, Olathe, KS 66063-2000, phone 913-780-7000. All inquiries regarding compliance with applicable statutes regarding Section 504 of the Rehabilitation Act and the Individuals with Disabilities Act and the Americans with Disabilities Act may be directed to the Assistant Superintendent of Support Services, 14160 S. Black Bob Rd, Olathe, KS 66063-2000, phone (913) 780-7000. Interested persons including those with impaired vision or hearing, can also obtain information as to the existence and location of services, activities and facilities that are accessible to and usable by disabled persons by calling the Assistant Superintendent of Support Services. (03/19)