Fairfield City School District

Creekside Middle School
Crossroads Middle School
Program of Studies

2018-2019

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Fairfield City Schools
Excellence
Preparation for Life
Opportunities for All

January 2018

Dear Fifth Grade Students and Parents/Guardians:

We are beginning the process for scheduling classes for the 2018-2019 school year. Attached you will find the scheduling materials to review and complete.

Students should review the attached materials with their parents/guardians, fill out the scheduling form, obtain parent signature and return it to their social studies teacher.

For accuracy in scheduling, forms should be completed neatly and clearly, making sure to erase any marks made while deciding on classes. The quarter electives will be given to students who do not return their forms to their social studies teacher.

The Program of Studies is provided to assist you in understanding the elective courses offered at the middle school.

While selecting electives for next school year, please note that students will have two periods of elective courses during their school day. Students in 6th grade will take 8 quarters of elective classes over the course of the year. For example, students can take two full-year electives, one full-year and four quarter electives, or eight quarter electives. Students requiring intervention courses will be placed in an intervention course during one or more quarters. Students requiring this intervention will be automatically placed based on academic needs.

Please contact a school counselor if you have any questions or concerns about scheduling for 6th grade.

School Counselors-Crossroads Middle School
Mrs. Laura Monnier 829-4504 Ext. 128
Mrs. Amy Hauer 829-4504 Ext. 107

School Counselors-Creekside Middle School
Mrs. Erica Green 829-4433 Ext. 135
Mrs. Karen Albrecht 829-4433 Ext. 133

Sincerely,

Kari Franchini

Mrs. Kari Franchini
Principal
Creekside Middle School

David Maine

Mr. David Maine
Principal
Crossroads Middle School

Fairfield City Schools
Excellence
Preparation for Life
Opportunities for All

January 2018

Dear Sixth and Seventh Grade Students and Parents/Guardians:

We are beginning the process for scheduling classes for the 2018-2019 school year. Attached you will find the scheduling materials to review and complete.

Students should review the attached materials with their parents/guardians, fill out the scheduling form, obtain parent signature and return it to their social studies teacher.

For accuracy in scheduling, forms should be completed neatly and clearly, making sure to erase any marks made while deciding on classes. The semester electives will be given to students who do not return their forms to their social studies teacher.

The Program of Studies is provided to assist you in understanding the elective courses offered at the middle school.

While selecting electives for next school year, please note that students will have two periods of elective courses during their school day. Students in 7th and 8th grade will take 4 semesters of elective classes over the course of the year. For example, students can take two full-year electives, one full-year and two semester electives, or four semester electives. Students requiring intervention courses will be placed in an intervention course during one or more semesters. Students requiring this intervention will be automatically placed based on academic needs.

Please contact a school counselor if you have any questions or concerns about scheduling for 7th or 8th grade.

School Counselors-Crossroads Middle School
Mrs. Laura Monnier 829-4504 Ext. 128
Mrs. Amy Hauer 829-4504 Ext. 107

School Counselors-Creekside Middle School
Mrs. Erica Green 829-4433 Ext. 135
Mrs. Karen Albrecht 829-4433 Ext. 133

Sincerely,

Kari Franchini

Mrs. Kari Franchini
Principal
Creekside Middle School

David Maine

Mr. David Maine
Principal
Crossroads Middle School

**Please note all fees are subject to change pending Board approval in April.*

COURSES BY DEPARTMENT

Language Arts

Language Arts		
Grades: 6	2 Semesters (One Year)	Fees: $12.50
Prerequisite: None		
In sixth grade, through the study of authors such as Elizabeth Partridge, Gary Soto, and Langston Hughes, the student will ponder such questions as “Is conflict always bad?”; "How do we decide who we are?” and "How much do our communities shape us?" Short- and long-term research engages the student’s curiosity and critical-thinking skills. The student is encouraged to support these ideas with evidence as the student practices narrative, informative, and persuasive writing. The student will sharpen and strengthen skills in reading, writing, listening, and speaking. The student is exposed to a wide variety of writing styles to create a sense of curiosity and excitement. The student will improve comprehension of increasingly complex literature and informational texts using a multi-draft reading approach as the student discusses, analyzes, and critiques. The student will learn to make connections between readings, other titles, and the world. The student will also expand his or her academic vocabulary and build confidence through independent reading. The student will write expository and creative compositions and employ test-taking strategies that are effective for different types of learners.		

Language Arts		
Grades: 7	2 Semesters (One Year)	Fees: $15.00
Prerequisite: None		
In seventh grade language arts, students will read and analyze literary and informational texts. They will infer, use context clues, compare/contrast, analyze, draw conclusions, make predictions and summarize regarding literary and informational text. Students will generate a variety of writing pieces (informal and formal) that demonstrates their understanding of writing conventions. They will formulate open-ended research questions suitable for inquiry and investigation and develop a plan for gathering information. Students will demonstrate skills to increase acquisition of vocabulary. Students will give presentations using a variety of delivery methods, visual materials and technology. Fee: $15.00 – This may include but not limited to a variety of classroom materials: colored pencils, paperback books, markers, post its, highlighters, paper, folders, journals, notebooks, etc.)		

Language Arts		
Grades: 8	2 Semesters (One Year)	Fees: $15.00
Prerequisite: None		
Students will demonstrate the ability to read and analyze both literature and informational texts. They will be able to determine, cite and write about key ideas and details within the text. They will analyze the craft and structure of a text including tone, word choice, central idea, and point of view. Students will also analyze and compare: two texts, other media (movie, video, speech, etc.) to text and modern adaptations of texts to another version. Students will demonstrate the ability to objectively summarize a text. Students will demonstrate the use of commas and ellipsis. They will be able to use and explain the functions of verbs. They will spell correctly. Students will demonstrate the ability to determine the meaning of words by using context clues, antonyms, synonyms, analogies, Greek and Latin affixes and roots, and resources such as dictionaries and thesauruses. They will also demonstrate they can interpret irony, puns, idioms and other figurative language. Students will acquire and use grade appropriate words and phrases. Students will engage effectively in one-on-one, group and teacher led discussions. They will present to the class in a coherent manner adding visuals and evidence to strengthen their claims and findings. Students will produce narrative, argumentative and explanatory writings. These writings will be clear and coherent and demonstrate development, organization and style that are appropriate to the task and purpose. Students will conduct several short research projects to answer questions. Students will write routinely for a wide range of purposes and audiences.		

Mathematics

Advanced Mathematics		
Grades: 6	2 Semesters (One Year)	Fees: $15.00
Prerequisite: Acceptance into course		
In this course, the student will enhance their number sense by applying all four operations on all types of rational numbers (i.e.: fractions, decimals, integers). The student will then expand their algebraic reasoning to learn how to solve multi- step equations and inequalities. The student next explores ratios, proportions, and percentages in real life situations. Spatial awareness will then be developed in the examination of 3-D figures' properties and formulas. Throughout this course, the student will engage in numerous problem-solving strategies, make real-world connections, and participate in mathematical discussions with peers at a deeper depth of knowledge.		

Mathematics		
Grades: 6	2 Semesters (One Year)	Fees: $15.00
Prerequisite: None		
In this course, the four operations will be utilized to solve problems involving decimals, fractions, and integers. Students will study algebraic vocabulary and expressions as a precursor to solving equations and inequalities. Exploring the number theory will help students understand divisibility, prime numbers, factors, and multiples. Students will be introduced to ratios, rates, and percentages and apply these concepts to various scenarios. Area, surface area, and volume formulas will also be discussed. Throughout the course, students will engage in many problem-solving strategies, make real-world connections, and participate in mathematical discussions with peers.		

Advanced Mathematics		
Grades: 7	2 Semesters (One Year)	Fees: $10.00
Prerequisite: Acceptance into course		
Grade 7 Advanced Math is a blend of both 7th and 8th grade Common Core Mathematical standards. Students will demonstrate the connection between proportional relationships, lines and linear equations in order to analyze and solve linear equations and pairs of simultaneous equations. Students will be able to define, evaluate and compare functions in order to model relationships between quantities. Geometrically, students will understand congruence and similarity through a number of different methods. Real world and mathematical problems will be solved by applying the Pythagorean Theorem, as well as the volume and surface area formulas of cylinders, cones, spheres and prisms. Students will use random sampling in order to draw inferences about a population, and then develop comparisons about multiple populations based upon these inferences. Students will investigate patterns of association related to bivariate data.		

Mathematics		
Grades: 7	2 Semesters (One Year)	Fees: $10.00
Prerequisite: None		
Students will cover 6 different domains during their year of study. In the Ratios and Proportional Relationships domain, students analyze proportional relationships and use them to solve real-world and mathematical problems. In the Number System domain, students apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. In the Expressions and Equations domain, students use properties of operations to generate equivalent expressions. Students also solve real-life and mathematical problems using numerical and algebraic expressions and equations. In the Geometry domain, students draw, construct, and describe geometrical figures and describe the relationships between them. Students solve real-life and problems involving angle measure, area, surface area, and volume. In the Statistics and Probability domain, students use random sampling to draw inferences about population. Students investigate chance processes and develop, use, and evaluate probability models.		

Algebra I			
Grades: 8	Credits: 1	2 Semesters (One Year)	Fees: $10.00
Prerequisite: Acceptance into course			
This course is the first course in the Ohio Learning Standards College and Career Ready sequence, and the fundamental purpose is to formalize and extend the mathematics that students learned in middle grades. The curriculum deepens and extends understanding of linear and exponential relationships by contrasting them with each other and applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions, polynomial expressions, systems, and real world problems. Integrated throughout will be problem solving, statistics, and probability. A graphing or scientific calculator is required. Students will receive high school credit upon successful completion of this course.			

Mathematics		
Grades: 8	2 Semesters (One Year)	Fees: $10.00
Prerequisite: None		
Students will cover five different domains during their year of study. Students will demonstrate mastery in the following domains: number sense, expressions and equations, functions, geometry, and statistics and probability. In the Number Sense domain, students will know that there are numbers that are not rational, and they will be able to approximate them by rational numbers. In the Expressions and Equations domain, students will work with radicals and integer exponents. They will also understand the connections between proportional relationships, lines, and linear equations, as well as analyze and solve linear equations and pairs of simultaneous equations. In the Functions domain, students will be able to define, evaluate, and compare functions and use functions to model relationships between quantities. In the Geometry domain, students will understand congruence and similarity using physical models, transparencies, or geometry software and understand and apply the Pythagorean Theorem. Students will also solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. In the Statistics and Probability domain, students will investigate patterns of association in bivariate data.		

Science

Advanced Science		
Grades: 6	2 Semesters (One Year)	Fees: $6.00
Prerequisite: Acceptance into the course		
Students will learn to use scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in the science content area. In the area of Earth and Space Science, students will learn about Earth's natural resources and stewardship, identifying properties of minerals and rocks, and testing properties of soil. In the area of Physical Science, students will learn about energy, electricity, and matter. The topic of energy focuses on motion, forms of energy, energy transfers, and law of conservation of energy. The topic of electricity focuses on currents, circuits, waves, and identifying wave parts. The topic of matter focuses on law of conservation of mass, chemical and physical changes, atomic structure, and elements. In the area of Life Science, students will learn about the characteristics of cells, cell structure and function, the levels of cellular organization, and the chemistry of life. Physical science incorporates sixth grade and seventh grade Ohio Learning Standards as part of the accelerated curriculum.		

Science		
Grades: 6	2 Semesters (One Year)	Fees: $15.00
Prerequisite: None		
Students will learn to use scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in the science content area. In the area of Earth and Space Science, students will learn about Earth's natural resources and stewardship, identifying properties of minerals and rocks, and testing properties of soil. In the area of Physical Science, students will learn about energy and matter. The topic of energy focuses on motion, forms of energy, and law of conservation of energy. The topic of matter focuses on Law of conservation of mass, atomic structure, and elements. In the area of Life Science, students will learn about the characteristics of cells, cell structure and function, the levels of cellular organization, and the chemistry of life.		

Advanced Science		
Grades: 7	2 Semesters (One Year)	Fees: $15.00
Prerequisite: Acceptance into course		
This course introduces student to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines towards high school credit in their 8th grade year. Students will continue to use scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in the science content area. In the area of Earth and Space Science, students will learn the cycles and patterns of the Earth and moon. This topic focuses on the Earth's hydrologic cycle, patterns that exist in atmospheric and oceanic currents, the relationship between thermal energy and the currents, and the relative position of the Earth, sun and moon. Students will learn about the topic focuses on the physical features of the Earth and how they formed, the interior of the Earth, the rock record, plate tectonics and landforms. In the area of Life Science, students will learn about the cycles of matter and flow of energy. This topic focuses on the impact of matter and energy transfer within the biotic component of ecosystems. Students will also learn about species and reproduction, with a focus on the continuation of a species.		

Science		
Grades: 7	2 Semesters (One Year)	Fees: $15.00
Prerequisite: None		
Students will continue to use scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in the science content area. In the area of Earth and Space Science, students will learn the cycles and patterns of the Earth and moon. This topic focuses on the Earth's hydrologic cycle, patterns that exist in atmospheric and oceanic currents, the relationship between thermal energy and the currents, and the relative position of the Earth, sun and moon. In the area of Physical Science, the students will learn about conservation of mass and energy. This topic focuses on evidence for the arrangement of atoms on the Periodic Table of Elements, conservation of mass and energy and transformation and transfer of energy. In the area of Life Science, students will learn about the cycles of matter and flow of energy. This topic focuses on the impact of matter and energy transfer within the biotic component of ecosystems.		

Physical Science			
Grades: 8	Credits: 1	2 Semesters (One Year)	Fees: $15.00
Prerequisite: Acceptance into course			
Introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. A unified understanding of phenomena in physical and space systems is the culmination of all previously learned concepts related to chemistry, physics, and space science, along with historical perspective and mathematical reasoning. Students will receive high school credit upon successful completion of this course.			

Science		
Grades: 8	2 Semesters (One Year)	Fees: $15.00
Prerequisite: None		
Students will continue to use scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in the science content area. In the area of Earth and Space Science, students will learn about the physical Earth. This topic focuses on the physical features of the Earth and how they formed, the interior of the Earth, the rock record, plate tectonics and landforms. In the area of Physical Science, the students will learn about forces and motion. This topic focuses on forces and motion within, on and around the Earth and the universe. In the area of Life Science, students will learn about species and reproduction. This topic focuses on continuation of the species.		

Social Studies

Social Studies		
Grades: 6	2 Semesters (One Year)	Fees: $3.00
Prerequisite: None		
Ancient civilizations are the main focus in sixth grade Social Studies. Students begin the course by examining the role of a historian and analyzing the tools (timelines, geography, and evaluation of multiple sources) a historian uses to analyze historical events. Then, students learn about the agrarian revolution as societies moved from hunting and gathering to farming. Students trace the development of various ancient civilizations, including China, India, Mesopotamia, Egypt, Greece, and Rome. Students practice critical thinking by interpreting primary sources and studying history through eyewitness accounts.		

World Studies from 750 B.C. to 1600 A.D.: Ancient Greece to the First Global Age		
Grades: 7	2 Semesters (One Year)	Fees: $9.00
Prerequisite: None		
The seventh-grade year is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. All four social studies strands (History, Geography, Government, and Economics) are used to illustrate how historic events are shaped by geographic, social, cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today.		

U.S. Studies from 1492 to 1877: Exploration through Reconstruction		
Grades: 8	2 Semesters (One Year)	Fees: $7.00
Prerequisite: None		
The historical focus continues in the eighth grade with the study of European exploration and the early years of the United States. This study incorporates all four social studies strands (History, Geography, Government, and Economics) into a chronologic view of the development of the United States. Students examine how historic events are shaped by geographic, social, cultural, economic and political factors.		

Elective Courses

Art

Intro to Art		
Grades: 6	1 Quarter	Fees: $20.00
Prerequisite: None		
This class will build on prior elementary art making experiences, continuing experimentation in a variety of media with an emphasis on honing craftsmanship skills and expanding knowledge of art history. Projects will reinforce knowledge and understanding of the elements and principles of design.		

Drawing and Painting 7		
Grades: 7	1 Semester	Fees: $20.00
Prerequisite: None		
This semester class will involve basic as well as advanced experiences in using the elements and principles of design. The students will work on problem solving skills through the use of various 2-D media including pencils, colored pencils, markers, tempera paint, and watercolor. This class will also include basic awareness in art criticism, art history and aesthetics.		

Sculpture and Mixed Media 7		
Grades: 7	1 Semester	Fees: $20.00
Prerequisite: None		
This semester class will consist of the use of a variety of media/material. Students will focus on ceramics, papier-mâché, mask-making, printmaking, plaster, relief sculpture as well as focus on multi-cultural art forms. Emphasis will also be on the elements and principles of design.		

Drawing and Painting 8		
Grades: 8	1 Semester	Fees: $20.00
Prerequisite: None		
In this semester class the students will learn manipulative and designing skills through the introduction of new media and the elaboration of previously experienced material. This class will also go into greater depth with the elements and principles of design and will allow the students more creative freedom with expression and material. The students will build upon their prior knowledge and experiences and develop an appreciation for their work and the work of other artists.		

Sculpture and Mixed Media 8		
Grades: 8	1 Semester	Fees: $20.00
Prerequisite: None		
This class will also consist of the use of a variety of media/material as in Sculpture/Mixed Media 7. Students will continue to explore their creative possibilities and expand previous knowledge in ceramics, papier mache sculptures, mask-making, printmaking, plaster, relief sculpture as a focusing on multi-cultural art forms.		

Family and Consumer Science

Life Skills - Introduction to Hospitality Fundamentals		
Grades: 6	1 Quarter	Fees: $0.00
Prerequisite: None		
This introductory course, for 6th graders, will provide students with an overview of the major content areas of Family and Consumer Sciences education. Students will learn basic cooking skills and participate in labs focused on personal nutrition, wellness, and basic cooking techniques. Students will have the opportunity to apply money management skills focused on their future needs. They will also learn about interior design concepts, the basics of clothing care and maintenance, which includes hand sewing. Throughout the course, students will develop communication and leadership skills.		

Careers and Cooking - Hospitality Fundamentals		
Grades: 7	1 Semester	Fees: $0.00
Prerequisite: None		
Oh, the places you'll go! In the first quarter of this course, 7th grade students have the opportunity to explore the various career options available that align with their interests, values, and skills. During the second half of the semester, students focus on kitchen safety and sanitation while cooking and discovering how to eat and live well by selecting nutritious flavorful foods.		

Food and Healthy Relations - Hospitality Fundamentals		
Grades: 8	1 Semester	Fees: $0.00
Prerequisite: None		
Eighth grade students will have the opportunity to fill their appetites through basic recipe preparation and learning baking and cooking essential skills. In addition to cooking and eating, students will explore food borne illnesses and food allergies as well as safe and sanitary kitchen techniques. This course will enable students to lead, collaborate, multi-task, and work effectively in diverse teams. Middle school is a critical time in the life long process of establishing one's identity. Students will explore how their relationships, behaviors, communication, and social attitudes affect them and others so that they learn the dangers of stereotyping and the importance of maintaining healthy interactions with family and friends.		

Health

Health and Wellness		
Grades: 6	1 Quarter	Fees: $4.00
This is a required class for 6th grade students.		
Content presented in the Sixth Grade Health Education course builds on health content students were exposed during the primary grades, with the goal of continuing to develop student awareness of topics and practices related to alcohol, tobacco and other drugs, safety, social and emotional health, growth and development, and nutrition. This content will be taught over the period of 9-weeks and will help prepare students for Seventh Grade Health Education. It is the intention of the district that the National Health Education Standards and suitable CDC behavioral outcomes be integrated into the units of study as appropriate.		

Health 7		
Grades: 7	1 Semester (Half Year)	Fees: $4.00
Prerequisite: None		
Health 7 is a semester long course. Topics of instruction may include disease prevention, nutrition, personal health habits, growth/development, mental/emotional and social health, abuse, suicide prevention, and substance use and abuse. This course is aligned with the National Health Education Standards.		

Health 8		
Grades: 8	1 Semester (Half Year)	Fees: $4.00
Prerequisite: None		
Health 8 is a semester long course that builds on content covered in Health 7. Topics of instruction may include: violence prevention, relationships, drug prevention, mental health disorders, communicable and non-communicable disease prevention, growth/development, human sexuality, and media and social media influence on health. This course is aligned with the National Health Education Standards.		

Music

Band		
Grades: 6	One Year	Fees: $10.00
Prerequisite: None		
Band is open to all students and no experience is necessary. Band meets one period per day five times a week for the entire year. Band includes beginning instruction on woodwind, brass and percussion instruments. Students interested in playing percussion (drums and bell kits) are required to attend clinics on percussion instruments and are required to attend an audition in May of their 5th grade year. Choice of instrument and your commitment to providing an instrument will be discussed at an informational meeting in the spring. Band is also a monetary commitment. The cost to rent an instrument is between $20.00 and $45.00 per month, depending on the instrument. Students will need to rent an instrument from a music store and pay for reeds and/or possibly mouthpieces. Students are required to attend three evening concerts and the Arts Fair concert.		

Band		
Grades: 7	One Year	Fees: $10.00
Prerequisite: Successfully completed 6th grade band.		
This course is open to seventh grade band students who have successfully completed sixth grade band. Emphasis is placed on further development of technique and musical skill through daily rehearsals, incorporating regular technical studies and appropriate concert band literature. Seventh grade band students are expected to participate in all regularly scheduled performances (5 average). The class fee is $8.00 for a method book for all but percussionist. The percussion class fee is $15.00.		

Band		
Grades: 8	One Year	Fees: $10.00
Prerequisite: Successfully completed 7th grade band.		
This course emphasizes the advanced development of technical facility and musicianship through the use of method studies and a variety of music including standard jazz and popular band literature. Eighth grade band students are expected to participate in all regularly scheduled performances (6 average). The course is open only to students who have successfully completed seventh grade band. The class fee is $8.00 for a method book for all but percussionist. The percussion class fee is $15.00. *Subject to change		

Choir		
Grades: 6-8	One Year	Fees: $9.00
Prerequisite: None		
Following a long tradition of choral excellence, the FMS choirs meet daily as a class. Choir can be taken in 6th, 7th and 8th grade. Daily work in vocal production, sight-reading, and total musicianship will culminate in concert events once per each nine weeks. See www.fairfieldchoirs.com for more information.		

Orchestra		
Grades: 6-8	One Year	Fees: $10.00
Prerequisite: 6th: None Prerequisite: 7th: Orchestra in 6th Prerequisite 8th: Orchestra in 7th		
The Fairfield Middle School Orchestras meet daily as a regular class in the school day. Class instruction is typically of a rehearsal nature and includes a wide variety of music literature, covering music fundamentals, performance technique, music theory and music history. Through an audition process, students are also eligible to participate in the Fairfield Honors Orchestra. The FMS Orchestras typically present four concerts each year in addition to the Arts Fair. The groups also participate in solo and ensemble contests, and orchestra festivals or competitions throughout Southwestern Ohio. **Prerequisites include at least l year of previous experience for 7th grade** and a minimum of 2 years of experience for 8th grade students. Participants are responsible for providing their own instrument, (district-owned cello and basses are provided for use at school only). Fairfield has established itself as one of the more outstanding music programs in the Southwestern Ohio-Greater Cincinnati area. The program is a culmination of efforts put forth by a dedicated staff, talented students, supportive administration and caring parents.		

Physical Education

Physical Education		
Grades: 6	1 Quarter	Fees: $0.00
Prerequisite: None		
Physical Education is a nine-week course. Students will receive daily lessons on character education, healthy living and information about their muscles. Students will receive instruction about the following sports/activities: basketball, floor hockey, low organization games, physical fitness, fitness testing, matball, whiffle ball, volleyball, weight training and soccer. Each activity will be assessed in reference to the standards and rubric furnished by the state curriculum. A physical education uniform or school approved PE shirt is required and students are required to change for class. Uniforms are available for purchase for $5.00.		

Physical Education		
Grades: 7	1 Semester	Fees: $0.00
Prerequisite: None		
Physical Education is an eighteen-week course. Students will receive daily lessons on character education, healthy living and information about their muscles. Students will receive instruction about the following activities/sports: basketball, floor hockey, low organization games, physical fitness, fitness testing, matball, softball, volleyball, weight training, and soccer. Each activity will be assessed in reference to the standards and rubrics furnished by the state curriculum. A physical education uniform or school approved PE shirt is required and students are required to change for class. Uniforms are available for purchase for $5.00.		

Physical Education		
Grades: 8	1 Semester	Fees: $0.00
Prerequisite: None		
Physical Education is an eighteen-week course. Students will receive daily lessons on character education, healthy living and information about their muscles. Students will receive instruction about the following activities/sports: basketball, floor hockey, low organization games, physical fitness, fitness testing, matball, softball, volleyball, weight training, and soccer. Each activity will be assessed in reference to the standards and rubrics furnished by the state curriculum. A physical education uniform or school approved PE shirt is required and students are required to change for class. Uniforms are available for purchase for $5.00.		

***Students are required to take Physical Education at some point throughout their 6-8 grade career.**

Project Lead the Way

Design and Modeling		
Grades: 6	1 Quarter	Fees: $0.00
Prerequisite: None		
Like to use computers to draw and design in 3D, problem solve, make projects out of various resources? Then you will enjoy Design and Modeling. Utilizing Ohio's premier STEM program, Project Lead the Way, students acquire knowledge and skills in problem solving, teamwork, and innovation. They are introduced to, and use the Design Process to solve problems and understand the influence that creative and innovative design have on our lives. Students will study both the standard and metric system. They will also make different projects that incorporate the use of the Design Process, measurement and CAD. Students use industry standard Autodesk Inventor 3D modeling software to create a virtual image of their designs. Students will also design and make a wood project. This course is offered in partnership with Butler Tech.		

Design and Modeling		
Grades: 7	1 Semester	Fees: $0.00
Prerequisite: None		
Like to use computers to draw and design in 3D, problem solve, make projects out of various resources? Then you will enjoy Design and Modeling. Utilizing Ohio's premier STEM program, Project Lead the Way, students acquire knowledge and skills in problem solving, teamwork, and innovation. They are introduced to, and use the Design Process to solve problems and understand the influence that creative and innovative design have on our lives. Students will study both the standard and metric system. They will also make different projects that incorporate the use of the Design Process, measurement and CAD. Students use industry standard Autodesk Inventor 3D modeling software to create a virtual image of their designs. Students will also design and make a wood project. They will also get the opportunity to use a Laser engraver to enhance their wood project. We will also make several other projects they have designed and constructed using various types of technology. This course is offered in partnership with Butler Tech.		

Innovators and Makers		
Grades: 7 & 8	1 Semester	Fees: $0.00
Prerequisite: None		
Innovators and Makers is a one-semester course designed to allow students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects. Throughout the unit, students will learn about programming for the physical world by blending hardware design and software development. Students will design and develop a physical computing device, interactive art installation, and wearable technology, and plan and develop code for microcontrollers that bring physical designs to life. Students will use a combination of information based and experiential activities to demonstrate proficiency meeting technology standards in this course.		

Automation and Robotics		
Grades: 8	1 Semester	Fees: $0.00
Prerequisite: None		
If you enjoy working in groups, problem solving, building, and hands on activities, this is the class for you. Students learn about mechanical systems, gear ratios, machine automation, programing, and remote control robots. We also offer a module on Drones, looking at the rules, laws and the fun they offer. Students will use a robust robotics platform to design, build, and program a solution to solve an existing problem. This course is offered in partnership with Butler Tech.		

Technology

Information Technology		
Grades: 6	1 Quarter	Fees: $3.00
Prerequisite: None		
This first course in the IT career field is designed to provide students with a working knowledge of basic computer concepts and essential skills necessary for work and communication in today's society. Topics include (but not limited to) google apps, App inventor, Microbit make code, code.org, gimp, video editing and careers.		

Microsoft Office and Keyboarding		
Grades: 6	1 Quarter	Fees: $3.00
Prerequisite: None		
During this 9-week course students will focus on basic computer skills and responsible computer use. Students will develop a basic understanding of Internet safety, ethical use, keyboarding, opening and closing software files, accessing and saving to the school computer and the cloud, copying and pasting files or text, copyright laws, and searching the Internet. They will do some basic projects in MS Word, MS PowerPoint and MS Excel.		

Computer Science I		
Grades: 7-8	1 Semester	Fees: $3.00
Prerequisite: None		
Computer Science is a semester-long course. Topics of instruction will include: Type To Learn, Introductions to and more complex applications of MS Office software: MS Excel, MS PowerPoint and MS Word. Students will also learn about Internet Safety and Coding.		

Computer Science II		
Grades: 8	1 Semester	Fees: $3.00
Prerequisite: Computer Science I		
Eighth grade Computer Science is a semester-long course. Students will learn advanced computer applications. Students will expand on 7th grade concepts by learning advanced technology skills. Students will learn extensions to techniques using MS Office software: MS Excel, MS PowerPoint and MS Word. Students will learn about Internet Safety and Photo editing software (Photoshop Elements).		

Specialty Electives

Explorations of Physics		
Grades: 8	1 Semester	Fee: $3.00
Prerequisite: None		
This course is designed for students who are interested in science and possibly going into a scientific field as a career. In Part 1 of this course, students will explore energy transfer and conservation in the context of household energy usage. Activities will explore key energy concepts, including the types of energy, energy transfers within and between systems, the energy chains involved with energy transformation between types and the methods used to quantify energy and determine the efficiency of energy transfers with a focus on energy efficiency and waste involved in energy transfers. The course will also explore the renewable and non-renewable energy sources and the trade-offs involved in using each source. In Part 2, students will investigate concepts related to force and motion in the context of vehicle safety issues, investigating speed, motion graphs, and the impact of mass and speed on vehicle accidents. Students will investigate force, acceleration, mass and friction based on Newton's Laws of Motion and apply these concepts to vehicle braking and stopping distances and the stability of vehicles with different centers of mass. Part 2 ends with an investigation of car accidents and students' recommendations for reducing the risks of vehicle collisions.		

Fantasy Sports Math			
Grades: 7		1 Semester	Fees: $3.00
Prerequisite: None			
Do you like sports, statistics, and math? In this course, you will analyze and forecast players from professional sports. You will study their statistics, conduct an in-class player draft, and follow your fantasy team throughout the semester. Students will look up box scores and compute their teams' points earned each day, utilizing various math concepts. You will also display your teams' progress by making graphs. A scientific calculator is highly recommended.			

Geography		
Grades: 7	1 Semester	Fees: $3.00
Prerequisite: None		
This study of geography will have a focus on the Eastern Hemisphere; Europe, Asia, and Africa. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives. Units will focus on the study of the worlds' peoples, places and environments, with an emphasis on work regions.		

Geography		
Grades: 8	1 Semester	Fees: $3.00
Prerequisite: None		
This study of geography will have a focus on the Western Hemisphere; North and South America. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives. Units will focus on the study of the worlds' peoples, places and environments, with an emphasis on work regions.		

Logic and Problem Solving		
Grades: 8	1 Semester	Fees: $3.00
Prerequisite: None		
In this course, students will work collaboratively as well as individually to further their problem-solving skills through a variety of rich, challenging situations and tasks. Students will be encouraged to draw logical conclusions throughout the semester and will have the opportunity to develop perseverance as they tackle tough situations. It is our hope that any kid who enjoys a challenge and enjoys math will take this course.		

Random Acts of Kindness (RAK)		
Grades: 6	1 Quarter	Fees: $3.00
Prerequisite: None		
Random Acts of Kindness focuses on empowering students with kindness skills that prompt them to act kindly toward others and share kindness. A change in awareness, attitude, and behavior over time is expected as a result of engaging in experiential learning through lessons and projects. The curriculum covers topics including but not limited to: Becoming an upstander, being kind to ourselves, resolving conflicts peacefully, and responding with kindness.		

Random Acts of Kindness (RAK)		
Grades: 7	1 Semester	Fees: $3.00
Prerequisite: None		
Random Acts of Kindness focuses on empowering students with kindness skills that prompt them to act kindly toward others and share kindness. A change in awareness, attitude, and behavior over time is expected as a result of engaging in experiential learning through lessons and projects. The curriculum covers topics including but not limited to: Active listening, communicating effectively, coping with stress, understanding each other.		

Random Acts of Kindness (RAK)		
Grades: 8	1 Semester	Fees: $3.00
Prerequisite: None		
Random Acts of Kindness focuses on empowering students with kindness skills that prompt them to act kindly toward others and share kindness. A change in awareness, attitude, and behavior over time is expected as a result of engaging in experiential learning through lessons and projects. The curriculum covers topics including but not limited to: Choosing kindness, identity, peer pressure, and self-esteem.		

Sports Statistics		
Grades: 6	1 Quarter	Fees: $3.00
Prerequisite: None		
This course is designed to introduce students to the mathematics of sports. Throughout this course, students will be exposed to a variety of sports and explore real work applications of statistics in sports. Students will apply Ohio's Learning Standards for Mathematics as they relate to statistics. In addition, the Standards for Mathematical Practice will be embedded throughout the course. Each week, they will work both individually and in teams to collect, analyze and interpret data as it relates to sports and sporting events. As the sport in focus changes each week, students will be evaluated on their completion of project based learning tasks that related to the sport. By the end of the course, students will gain an understanding of how basic mathematics is used in nine different real life sports or sporting events.		

Strategies for Success		
Grades: 6	1 Quarter	Fees: $3.00
Prerequisite: None		
Strategies for Success is a course developed to address several important areas in the lives of students to enable them to be successful while they are making their way through their middle school years and beyond. The class will focus on teaching students strategies to help them become more effective learners. Some of the strategies covered are: Organization, Note Taking, Learning Styles, Time Management, Memorization, Test Anxiety, Goal Setting, Strength and Weaknesses and Listening.		

Weather Water Wow		
Grades: 7	1 Semester	Fees: $3.00
Prerequisite: None		
This is an enrichment science class where students will learn scientific journaling as they investigate real world problems and conduct experiments. In the Weather and Atmosphere Unit, students investigate the factors that cause weather and climate, including energy from the sun, the water cycle, and global ocean currents. In the Water Unit, students study the chemistry of water and solutions as they investigate water quality issues in a fictional community.		

World Languages

Exploratory Cultures		
Grades: 6	1 Quarter	Fees: $3.00
Prerequisite: None		
Students will be introduced to the cultures of the Spanish, French, German, and Mandarin people. They will discover the culture and will learn the similarities and differences as to what makes each language unique. This course is designed to give students a taste of four of the foreign languages Fairfield offers. By taking this course, students will be able to make an informed decision on the language they wish to take in 8th grade.		

Explorations in Spanish		
Grades: 7	1 Semester	Fees: $5.00
Prerequisite: None		
In this course of Spanish, students are introduced to conversation and vocabulary in the target language, as well as culture and geography of the countries.		

CCR French I			
Grades: 8	Credits: 1	2 Semesters (One Year)	Fees: $5.00
Prerequisite: None			
Students will learn the basic structure of the French language and how to make connections to their own language. They will also explore customs and lifestyles of different French-speaking countries. Some vocabulary and grammar topics may include greetings, numbers, family, classes, colors, likes and dislikes, weather, food, describing self and others, addressing peers vs. adults, gender of nouns and adjectives, pronunciation, present tense verbs, time, and asking questions.			

CCR Mandarin I			
Grades: 8	Credits: 1	2 Semesters (One Year)	Fees: $5.00
Prerequisite: None			
Students will learn and apply basic vocabulary and grammar to achieve comprehension of the language using the three forms of communication: interpersonal, interpretive and presentational. Students will be expected to communicate in class, at a novice level, through daily interactions in the target language. Topics covered during the year include Chinese geography, Chinese culture, introductions, nationalities, class schedule and family members.			

CCR Spanish I			
Grades: 8	Credits: 1	2 Semesters (One Year)	Fees: $21.00
Prerequisite: None			
Students will learn the basic structure of the Spanish language and how to make connections to their own language. Topics may include greetings, numbers, family, classes, clothing, colors, feelings, weather, food, and addressing peers vs. adults. **Students will turn in their workbook for use the following year.**			

*__CCR (College and Career Ready)__ – College and Career Ready is defined by the state of Ohio as, "the ability to succeed in entry-level, credit bearing, academic college course work and in workforce training programs."