

Mapleton Jr. High

8th Grade Course Descriptions 2019-2020

Required Classes

Mathematics

8th Grade Mathematics (51330)

Full Year / 1.0 Mathematics Credit

In 8th Grade Mathematics students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

8th Grade Mathematics Honors (51350)

Full Year / 1.0 Mathematics Credit

In 8th Grade Mathematics Honors students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, congruence, understanding and applying the Pythagorean Theorem. The honors course includes extra depth and additional topics.

Languages Arts

English 8 (40800)

Full Year / 1.0 Language Arts Credit

This is a well-rounded course focusing on the basic communication skills: reading, writing, speaking, listening and especially thinking. Students will enhance and practice these skills by studying units in literature, vocabulary, grammar, and writing.

Science

Integrated Science 8 (32400)

Full Year / 1.0 Science Credit

This is a foundation course which emphasizes the broad perspective of science rather than the specific, theoretical details. The topics covered in this class will include: chemical and physical change, food webs, photosynthesis and respiration, force, motion, energy and weather.

Social Studies

U.S. History (61220)

Full Year / 1.0 Social Studies Credit

The students will be introduced to a study of U.S. History from colonization up to and including the present. The course will focus on the "Epic of America," the history and economic development of the country. The course will include a unit of study on the process and Constitution. The student's responsibility to the law will be emphasized.

Physical Education

Intermediate Fitness (77202 - Boys) or (77252 - Girls)

Semester / .5 PE Credit

This course continues to develop participation skills and techniques in a variety of team and individual games and dance activities with emphasis on leadership, courtesy, respect, and fairness. The course also provides aerobic instruction and activity to improve and maintain physical fitness.

Health

Health 8 (71012)

Semester / .5 Health Credit

Encourages students to take positive actions to improve their own health. Students learn that good health habits can prevent illness as well as improve school performance and overall fitness. The curriculum covers several important topics, including mental health, nutrition, drugs, disease, environment, growth and development, consumer health and first aid.

Digital Literacy

Digital Literacy (85672)

Semester / .5 Credit

8th grade only

This class consists of a basic introduction to gaining essential computer skills in word processing, spread sheets, presentation software, and basic Internet and email skills. Students will learn to effectively use professional software programs like Word, Excel, and PowerPoint. In addition, they will learn the various components and terminology of the computer field.

Elective Classes –Fine Arts

Band I (Woodwind) (16710)

Full Year / 1.0 Fine Arts Credit

\$20 Fee Required - Prerequisite: None

Beginning Band – For students with no prior experience playing woodwind instruments. Only a desire to learn required! Fundamentals of wind instrument playing and music literacy are the main curriculum. Students who play larger instruments may rent from the school for \$100.00

Band II (Woodwind/Brass) (16430))

Full Year / 1.0 Fine Arts Credit

Prerequisite: Band 1 (or its equivalent) and

\$20 Fee Required - Teacher Approval

Concert Band - Intended for students in their 2nd year of playing woodwind and brass instruments. Opportunities for performance include music festivals (music performance assessments) in the spring. Students who play larger instruments may rent from the school for \$100.00.

Jazz Band (18450)

Full Year / 1.0 Credits

\$20 Fee Required

Students explore the fascinating musical language of Jazz in a "Big Band" setting. Concurrent enrollment in a Band (winds), Percussion, or Orchestra (basses) class required. Performance opportunities vary from school functions to music festivals (music performance assessments). Jazz Band meets during zero hour three times a week.

Percussion I (16830)

Full Year / 1.0 Credit

\$20 Fee Required - Audition Required

Prerequisite: 2 years piano instruction;

Beginning percussion instruction for those in their first year of percussion. Skills will be developed on Snare Drum, Timpani, Auxiliary Percussion, and Keyboard Percussion (Xylophone, etc.). Students will use a practice marimba and practice pad or a standard beginning percussion kit (may be rented from a local music store).

Percussion II (16832)

Full Year / 1.0 Credit

\$20 Fee Required

Prerequisite: Percussion I

Intended for students in their 2nd and 3rd year of playing percussion. Opportunities for performance include music festivals (music performance assessments) in the spring.

Orchestra I - Beginning (17700)**\$20 Fee Required**

Full Year / 1.0 Credit

This course is for students who want to play the violin, viola, cello and string bass. No previous experience is required, only a desire to learn how to play a string instrument. Viola, cello and bass instruments may be rented from the school for a \$100.00/year fee. Violins must be rented or purchased from a local music store.

Orchestra II (17720)

Full Year / 1.0 Fine Arts Credit

\$20 Fee RequiredPrerequisite: 7th Grade Orchestra

This course will expand musicianship skills on the violin, viola, cello and string bass through the third year of development. Viola, cello and bass instruments may be rented from the school for \$100.00/year fee. Violins must be rented or purchased from a local music store.

Men's Chorus (18760)

Full Year / 1.0 Fine Arts Credit

\$20 Fee Required - Grades 8 & 9

This class is open to any 8th and 9th grade young man that loves to sing. No audition is required. We will learn choral habits and sight-reading skill. We will also learn more about music throughout history. Students will perform at 3 concerts. This is a full year performing class.

Women's Chorus (18770)

Full Year / 1.0 Fine Arts Credit

\$20 Fee Required - Grades 8 & 9

This class is open to any 8th or 9th grade young lady that loves to sing. No audition is required. We will learn choral habits and sight-reading skills. We will also learn more about music throughout history. Students will perform at 3 concerts. This is a full year performing class.

Guitar (18902)

Half Year / .5 Fine Arts Credit

\$10 Fee Required - Grades 8 & 9

This class is designed for the beginning guitar student. Students will learn and apply music fundamentals to the guitar. Included in those fundamentals is proper technique, chord playing, reading music in both notation and tablature, rhythmic skills, style and interpretation, ensemble playing, as well as performance skills and etiquette.

Advanced Guitar (18912)

Half Year / .5 Fine Arts Credit

\$10 Fee Required - Grades 8 & 9

Guitar II is for students who have taken Guitar I, or who have substantial previous experience on the guitar, such as private lessons. Emphasis will be on learning more keys to play in, as well as the more advanced aspects of playing both chords and music notation.

Dance Conditioning I (72372)

Semester/ .5 P.E. Elective Credit

Grade 7, 8 & 9

This class is a one semester class for the beginning dancers with no previous dance experience required. Students will learn basic dance skills in flexibility, technique and all genres of Jazz dance. Styles taught will include Hip-Hop, Contemporary, Jazz and others. Students will have an opportunity to perform at school assemblies and an end-of-semester program. Grading is based on participation.

A class shirt will be purchased for the performances.

***If interested in the more Advance Class, please contact Mrs. Shumway for information.*

3-D Design (10852)

Semester / .5 Fine arts Credit

\$10.00 Fee Required - Grades 8 & 9

This course is for art students with a desire to emphasize their art studies in 3-dimensional work. Creativity and art medium exploration will guide this course. Modern art forms, sculpture using a variety of mediums, and clay will be some of the projects explored in this class. Drawing skills will be improved as well. Students will have experiences with art criticism, art history, and aesthetic awareness as well. This does fill a high school fine arts credit if in 9th grade.

Art Foundations II (11902)

Semester / .5 Fine Arts Credit

\$10 Fee Required - Grades 8 & 9

This is for art students with strong drawing skills gained in Art Foundations I and a passion for art. This course is an in-depth exploration of the visual arts. A variety of mediums, techniques, tools, and art styles will be explored. Students will focus on art production using the elements and principles of design, drawing, painting, printmaking, and other classical and contemporary art forms. Students will have experiences with art criticism, art history, and aesthetic awareness. This does fill a high school fine arts credit if in 9th grade.

Drawing 1 (10552)

Semester / .5 Fine Arts Credit

\$10.00 Fee Required - Grades 8 & 9

Drawing 1 is designed to help students to improve their drawing skills, including in areas such as proportions, texture, edges, value or shading. A variety of drawing surfaces and drawing tools will be experimented. Principles of perspective will be introduced. Also expressive and creative drawing processes will be explored. This course is intended to include

both traditional academic and contemporary approaches to drawing. Students are expected to be self-driven and motivated.

Drama II (19602)

Semester / .5 Fine Arts Credit
Grades 8 & 9 - **\$10 Fee Required**

This is a performance based class. We focus on musical theatre and learning how to be directors and choreographers through performing songs from Newsie's and Annie. We learn performing, stage combat, realistic reactions, several different types of theater, and most of all we perform almost every week. We also learn to act realistically while performing on stage. We conclude all drama classes with an after school performance for the parents.

Theater Production (19402)

Semester / .5 Fine Arts Credit
Grades 8 & 9

In Tech Theatre we learn to design and run technical performance of a theater production. We communicate ideas, moods, and feelings through technical theater methods. These methods include stage management, set design, lighting design, sound effects, scene painting, property management, costume design, and technical abilities to support these functions above. A lot of this class is designing, building, and running the theater productions in the school.

Photography I (11602)

Semester / .5 Fine Arts Credit
Grades 8 & 9 only - **\$10 Fee Required**

This class is designed to teach students how to take quality pictures. They will learn how to compose and modify photos digitally using the program Photoshop CC. Students will also use light and photographic equipment to create inventive art. Access to a digital camera is highly recommended.

Career Technology Education

FACS Exploration /Foods (84772)

Semester / .5 CTE Credit - **\$10 Fee Required**
Grade 8 only

This course is designed to teach Food Preparation Skills and Nutrition Principles. Emphasis is placed on My Plate, with descriptions of the benefits of Dairy, Protein, Carbohydrates, Fats, Fruits and Vegetables. We learn of Kitchen Safety and Food Safety topics, especially in relation to children. Careers in the Food Industry and Marketing Techniques are discussed. Etiquette techniques are presented, then we practice these techniques on a field trip to La Caille restaurant in Sandy, UT.

FACS Exploration/ Clothing (84712))

Semester / .5 CTE Credit
Grade 8 only

The goal in this class is to create a love for sewing in each student! Girls and boys are encouraged to take this class. Students will learn how to operate the sewing machine and serger, be introduced to sewing tools, a sewing pattern, and then complete construction techniques in a variety of fun projects. Projects include: a small bag with quilting and a zipper, a diva or chef apron, Craft kits (stuffed footballs, soccer balls, gym bags, stuffed animals), a quilt block during the Interior Design unit, and a maxi skirt or project of choice for boys.

Intro to Manufacturing / Woodshop (88642)

Semester / .5 CTE Credits
Grades 8 & 9

"Woodshop" is a hands-on course that allows students to explore the manufacturing of products utilizing wood materials. Students are to mill and assemble a wood based product. The students are to manufacture a "Pioneer Puzzle". Great emphasis is placed on the safe operation of both hand and power tools. Each semester the students collectively determine the products to be manufactured. A primary focus for the course is to give the students an understanding of how to take raw materials and produce a finished product. Previously chosen by student products include toy trucks, a variety of treasure boxes, small tables, benches, foot lockers and wall clocks. Material Expense is based on student choices. Average expense has been \$30.

Exploring Technology / Robotics (86302)

Semester / .5 CTE Credit
Grades 7, 8, & 9th

The purpose of this course is to have the students increase their technology knowledge and be more aware of the technology around them and in their future. Hands-on activities carry students into the learning of many scientific and technological concepts. The students will be given multiple opportunities to develop and display problem solving skills. A sample of some activities contained within this course are: **programming robots** (more extensive than CCA Introduction), racing air propelled vehicle, flight computer aided drawing, manufacturing a product made with power tools or hand tools. Material Expense is based on student choices. Average expense for multiple activities has been \$5.

Exploring Business & Marketing (85352)

Semester / .5 CTE Credit
Grades 7, 8, & 9th

Have you ever tasted chocolate economics, invested \$100,000 in the stock market, or swam in the Shark Tank? This course will introduce students to the great world of business and computers in a fun way. Students will learn about economics as they play Monopoly, barter for chocolate, and play The Price is Right. They will explore marketing by virtually touring Disneyland, judging old and new television commercials, and checking out the successful ways products are marketed to us. In addition, students will be introduced to many successful entrepreneurs and use today's desktop publishing software to develop different advertisements. As we learn about the stock market, we will also use Internet sites and spreadsheet applications to gain an understanding of personal financial skills.

Creative Coding (86142)

Semester / .5 Credit
Grades 8 & 9

Learn how to design animated skits, games, and apps using simple programming concepts and JavaScript. You'll work with other to generate ideas, solve problems, and create programs you can use on your own device.

Language Arts

Yearbook (45502)

Semester / .5 Elective Credit

Application Required - Grades 8 & 9

This exciting class is offered to students that would like to write, edit, and publish the school newspaper and yearbook. Students will study the collection and editing of news and the production of a newspaper as well as creating multimedia. Students will also be required to attend multiple after school events. A signed recommendation/application from an English teacher is required.

Reading for Enjoyment (44802)

Semester (Half Year) / .5 Credit

Grades 7, 8 & 9th

Do you enjoy reading in your free time? If so, sign up for *Reading for Enjoyment*, a class dedicated entirely to reading books of your choice! In this class you will discover new books to love, explore many exciting genres, and share your experiences with others who love to read as much as you.

Film and Literature (44532)

Semester (Half Year) / .5 Credit

One Semester - Grades 7, 8 & 9th

This class will focus on film as literature and the analysis of film as a mode of presenting complex ideas. We will look at the tools filmmakers use to present their ideas, as well as their ability to adapt and modify themes using these tools. This class will involve reading, watching, writing, and presenting as we study films.

Foreign Language

Spanish I (49000)

Full Year / 1.0 Foreign Language Credit

Grades 8th & 9th

Special emphasis is placed on conversational speaking, presentation (written and spoken) and comprehension (reading and listening). Gaining basic language skills and vocabulary acquisition are the major focus of the class.

Physical Education

Weight Training Boys Only (75102)

Semester / .5 Healthy Lifestyles Credit

This class places special emphasis on weight training and will also offer a total body-conditioning program that combines cardiovascular health, flexibility, strength training, along with nutritional and core training exercises.

Body Conditioning / Girls (73522)

Semester / .5 Healthy Lifestyles Credit

Students will learn the foundations of fitness in a hands on class that will include learning through working hard and developing their own ideas of fitness. This class will be student driven through their desire to learn different concepts about working out and reaching their fitness potential. This class will be a HIGHLY active class and students will be required to work out every class period. We will explore several different fitness areas including cardio training, cross fit, yoga, pilates, Zumba, weight training and students interests.

Other Courses

Teacher Assistant (03002)

Semester / .5 Elective Credit

Application in the Counseling Office

3.0 GPA is required. Grades 8 & 9

Students will assist teachers in basic organizational functions such as passing back student work, running errands and otherwise helping the teacher in day-to-day tasks other than teaching. Cooperation, responsibility and honesty are essential. Grading is on a Pass/Fail basis.

Peer Tutoring (05002)

Semester / .5 Elective Credit

Application required - Grades 8 & 9

This is a course designed to help students learn about and interact with peers with special needs. Peer helpers may assist students with education goals, physical activities, classroom activities, and occasional community field trips as part of this daily course. Formal application is required including parent signature and recommendation from at least two teachers. Applications available in the counseling office.