

# Mapleton Jr. High

## 9th Grade Course Descriptions 2020-2021

### Required Classes

#### Mathematics

##### **9<sup>th</sup> Grade Secondary Math 1**

Full Year / 1.0 Mathematic Credit

Students will use quantities to model and analyze real-life situations. They will explore many examples of functions given by graphs and tables. Students will work with integer exponents and exponential functions, compare and contrast linear and exponential functions, and work with both arithmetic and geometric sequences. They will develop fluency in writing, interpreting and translating between various forms of linear equations and inequalities and use them to solve problems. They will solve problems involving triangle, quadrilaterals, and other polygons. They will work with Pythagorean Theorem to find distances and will work with the coordinate system to solve problems.

##### **9<sup>th</sup> Grade Secondary Math 1 HONORS**

Full Year / 1.0 Mathematic Credit

This class will include more Algebra 2 topics and Pre-Calculus topics in addition to the topics listed above.

#### Language Arts

##### **English 9**

Full Year / 1.0 English Credit

English 9 continues the skill of reading, writing, viewing, speaking and listening. Emphasis is placed on mastery of spelling/vocabulary, writing, interpreting, literature and poetry. Grammar studies will focus on language usage. Students need a loose-leaf (not spiral) notebook and loose-leaf paper.

##### **English 9 Honors**

Full Year / 1.0 English Credit

###### **Requires Application**

Students must have excellent comprehension skills. Literature, composition, vocabulary and grammar are interlaced to meet Utah's curriculum requirements. The pace of assignments is accelerated. This class is a survey of English literature and requires extra time outside of class, including summer reading.

#### Science

##### **Earth Systems**

Full Year / 1.0 Science Credit

Earth systems will integrate Earth, physical, space and life sciences. The major goals for this class include the study of energy flow, life webs and matter cycles. Students will explore the geologic processes, the importance of water in Earth systems, and the flow of energy from the sun through the major Earth systems.

#### **Biology**

Full Year / 1 .0 Science Credit

##### **Requires that the student ALSO be enrolled in Honors Math**

Biology is a general course in life science. Students in this class will enjoy the broad field of all living organisms, how they function, and how they fit into the scheme of all living things on the earth. Human reproduction, genetics and ecology are also discussed. **Please note** that if Biology is taken in 9th grade the student must take Physics or Chemistry to fulfill the physical science graduation requirement in high school - Earth Systems is not offered in high school.

#### Social Science

##### **World Civilizations / Geography**

Full Year / 1.0 Social Science Credit

This course will integrate human and physical geography with world civilizations throughout history. Students will explore the world and the past that shaped it into what it is today. A focus will be placed on learning about the people of the world, their past and their culture. Students will learn how to use geography and history as a tool to better understand the world in which we live.

#### Healthy Lifestyles/P.E.

##### **Participation Skills (Boys) OR (Girls)**

Semester / .5 Required Healthy Lifestyle Credit

Students will develop lifetime attitudes regarding physical activity and healthy life-styles. The students will continue to develop motor and heart-lung fitness and endurance. The students will further develop skills in a variety of team sports, recreational activities and dance. The students will continue to develop leadership, fairness and courtesy.

#### Elective Classes

#### Fine Arts

##### **Band II Concert Band - (Woodwind/Brass)**

Full Year / 1.0 Fine Arts Credit - **\$20 Fee required**

##### **Prerequisite: Band I or (equivalent) and Teacher Approval**

Intended for students in their 2<sup>nd</sup> or 3<sup>rd</sup> 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 \$150.00.

##### **Band III (Woodwind/Brass/Percussion)**

Full Year / 1.0 Fine Arts Credit - **\$20 Fee required**

##### **Prerequisite: Band I & II (or equivalent)**

Full band, accelerated music course with opportunity for performance at music festivals (music performance assessments) during the spring. Students who play larger instruments may rent from the school for \$150.00.

## **Percussion I**

Full Year/1.0 Credit **-\$20 Fee Required**

### **Prerequisite: Previous piano experience is recommended**

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**

Full Year / 1.0 Credit - **\$20 Fee required**

### **Prerequisite: Percussion I**

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

## **Orchestra II**

Full Year/1.0 Fine Arts Credit - **\$20 Fee required**

### **Prerequisite: Orchestra I**

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 \$150.00/year fee. Violins must be rented or purchased from a local music store.

## **Orchestra III**

Full Year/1.0 Fine Arts Credit - **\$20 Fee required**

### **Prerequisite: Orchestra II**

This course will expand musicianship skills on the violin, viola, cello and string bass through the fourth year of development. Viola, cello and bass instruments may be rented from the school for \$150.00/year fee. Violins must be rented or purchased from a local music store.

## **Men's Chorus**

Full Year / 1.0 Fine Arts Credit

**\$20 Fee Required** - Grades 7, 8 & 9

This class is open to any 7th, 8th or 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 4 concerts. This is a full year performing class.

## **Women's Chorus**

Full Year / 1.0 Fine Arts Credit

**\$20 Fee Required** - Grades 7, 8 & 9

This class is open to any 7th, 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 4 concerts. This is a full year performing class

## **Concert Choir**

Full Year / 1.0 Fine Arts Credit - Grades 8 & 9

**\$45 Fee Required** (Choir Fee/Uniform Fee)

This is an auditioned class for 8<sup>th</sup> and 9<sup>th</sup> grade singers. Students must be able to sing on pitch and have a basic grasp of choral habits. Equal numbers of boys and girls will be selected. Sight-reading skill, memorization and high quality vocal production will continue to be improved upon. Concert attire will be issued to each student. This is a full year performing class.

## **Bella Voce (Chorus III) (18730)**

Full Year / 1.0 Fine Arts Credit - Grades 7-9

**\$45 Fee Required** (Choir Fee/Uniform Fee)

This is an auditioned Class for 7th, 8th, and 9th grade female singers. Students must be able to sing on pitch and have a basic grasp of choral habits. Sight-reading skills and high quality vocal production will continue to be improved upon. Concert attire will be issued to each student. This is a full year performing class.

## **Drama II**

Semester / .5 Fine Arts Credit

**Grades 8 & 9 - \$10 Fee Required**

Drama II continues to build upon the performance skills learned in Drama I, though all students are welcome. Students develop skills in script-writing, improvisation, and character development and are introduced to Radio Drama, Stage Combat, Greek Theatre, and Shakespearean works. We also learn how to critique live theatre productions. Students will prepare and perform a class play at the end of the semester performance for the parents.

## **Drama III**

Semester / .5 Fine Arts Credit

**\$10 Fee required** - Grade 9 only

Drama III is our most advanced acting class. We focus on fine-tuning the performance skills developed in previous drama classes, as well as developing skills in directing, theatre history, script-writing, and producing. Various types of theatre are introduced, such as puppetry, play-within-a-play, multimedia, and immersive theatre. Students will prepare and perform a class play at the end of the semester.

## **Musical Theatre**

Semester / .5 Fine Arts Credit - Grades 9 only

Musical Theatre is an advanced performance class, though all 9th graders are welcome to sign up! We focus on developing skills in singing, acting, and dancing, and combining these skills into musical theatre scenes. Students are also introduced to proper audition technique and will receive audition coaching. We explore musical theatre history throughout the semester and prepare a musical revue to be performed for families.

## **Art Foundations II**

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 9<sup>th</sup> grade.

## **3-D Design**

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 9<sup>th</sup> grade.

## Drawing 1

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.

## Painting 1

Semester / .5 Fine Arts Credit

**\$10.00 Fee Required** - Grades 8 & 9

Prerequisites: Art Foundations 1

(Drawing is also highly recommended)

This studio class encourages experimentation with various painting mediums. Basic and advanced techniques will be taught and assessed. Color theory, art history, and composition will be incorporated as well. It is expected that students taking this course are comfortable in basic drawing and mark making skills.

## Photography I

Semester / .5 Fine Arts Credit

**\$10 Fee Required** - Grades 8 & 9

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.

## Language Arts

### Yearbook

Semester / .5 Elective Credit

Grades 8 & 9 - **Application Required**

The responsibility of this course is to create, produce, and distribute a school yearbook. Students who participate in this course are encouraged to take a proactive role by contributing ideas and working collaboratively and in harmony with other students in the course. In addition to the creation of the yearbook, this course will also highlight 21st century skills including design, photography, editing, and communications. Students will be given opportunities to demonstrate excellence through the use of different media and technology. A percentage of the student's grade will depend on attending and documenting assigned after school events. A signed recommendation / application from an English teacher is required. (Application and Work Sample Required. See Yearbook Advisor for details.)

### Literature and Film

Semester (Half Year) / .5 Credit

Grades 7, 8 & 9

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

Full Year / 1.0 Foreign Language Credit

Grades 8<sup>th</sup> or 9<sup>th</sup>

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.

### Spanish II

Full Year / 1.0 Foreign Language Credit

Grade 9 (Grades 8 or 9 for Fluent Speakers)

Prerequisite: Spanish I or Fluent Speaker

Continuing emphasis on building speaking and comprehension skills. This year will introduce the past tenses. New vocabulary, grammar and culture are interwoven in challenging and fun ways.

## Healthy Lifestyles/P.E.

### Health II

Semester / .5 Healthy Lifestyles Credit

*This class will fulfill the .5 Health credit required for High School graduation. (May also be taken in 10<sup>th</sup> grade)*

The goal of Health Education at the high-school level is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, emotional, and spiritual well-being. This course is designed to offer students the opportunity to acquire knowledge, incorporate process and life skills, and develop positive attitudes about life. Development of a healthy body and a healthy mind will assist young people in living active, productive, and successful lives.

A health-educated person will be able to...

- Comprehend concepts related to health promotion and disease prevention.
- Access valid health information and health-promoting products and services.
- Practice both health-enhancing and risk-reducing behaviors.
- Analyze the influences of society, culture, media, technology, and physical environment on health.
- Utilize interpersonal communication skills to improve health and relationships.
- Practice and apply goal-setting, decision-making, problem-solving, and stress management skills to promote healthy behaviors.
- Develop understanding and respect for self and others.
- Advocate for personal, family, and community health.

### Weight Training (Boys)

Semester / .5 Healthy Lifestyles Credit

Grades 8 & 9

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. This class may not be used to replace Participation Skills which is required for High School graduation

### Body Conditioning (Girls)

Semester / .5 Healthy Lifestyles Credit

Grades 8 & 9

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. This class may not be used to replace Participation Skills which is required for High School graduation.

### **Dance Conditioning I**

Semester/ .5 P.E. Elective Credit  
Grade 7, 8 & 9

This class is a one semester class for beginning dancers with no previous dance experience required. Students will learn basic dance skills in flexibility, technique and all genres of Jazz dance. Various dance styles will be taught including - 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.

### **Dance Conditioning II**

Semester/ .5 P.E. Elective Credit  
Grade 7, 8 & 9

Prerequisite: Previous Dance Experience Needed

This class is a one-semester class for dancers with previous dance experience. This is an auditioned class and requires a signature on the registration form. Students will advance in their 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.

## **Career Technology Education**

### **Introduction to Manufacturing (Woods)**

Career Technology Education  
Semester / .5 CTE Credits - Grade 9 only

"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". The puzzle includes wood, composite material, plastic, nylon cord, metal and mechanical soldering. 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.

### **Foods and Nutrition I**

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

Nutrition will be emphasized as students learn preparation of foods from foreign countries such as Mexico, Italy, Germany, Scandinavia, and France. Many cooking experiences will take place as students learn and practice kitchen and food safety, increase their knowledge of kitchen equipment, and become more confident in the kitchen. A class for boys and girls.

### **Designer Sewing (Clothing I)**

Semester / .5 CTE Credit - Grade 9 only

This is a great class for 9<sup>th</sup> grade students. Intermediate sewing will be the focus of this class. We will begin with a review of construction techniques, pattern layout, and ironing/pressing information. Student will begin with fun shorts or drawstring PJ's. Next, students can choose from a variety of more difficult projects that include techniques such as: zippers, collars, buttonholes, and set-in sleeves, etc. Many students enter the Make-It-Yourself with Wool contest held in the fall. We do hand and machine craft projects to finish up the semester.

### **Business Office Specialist**

Semester / .5 Digital Studies Credit

Grade 9 only (Fills high school computer requirement)

In this course students will learn both basic and advanced features of programs like Word, Excel, and PowerPoint. This class can be taken to meet the high school graduation requirement of Digital Studies.

### **Creative Coding**

One Semester – 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.

## **Other Courses**

### **Peer Tutoring**

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.

### **Teacher Assistant**

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.

### **Front Office Assistant**

Semester /.5 Elective Credit

Application in the Counseling Office

3.0 GPA is required. Grades 8 & 9

Students will assist the front office personnel as needed - This may include organizing materials, making deliveries to classrooms, and running notes to teachers. Cooperation, responsibility and honesty are essential. Grading is on a Pass/Fail basis.

### **Library Assistant**

Semester /.5 Elective Credit

Application in the Counseling Office

3.0 GPA is required. Grades 8 & 9

Students will assist the school Librarian as needed - This may include organizing books, working on special projects etc. Cooperation, responsibility and honesty are essential. Grading is on a Pass/Fail basis.

### **Release Time/Seminary**

Full Year / Non-school Credit

This is a time where the state allows the school to release students for religious instruction with parental permission. Registration for this course must be made at the Seminary building.