



Surline Middle School 8th Grade Educational Development Plan (EDP) & Course Description

All 8th graders will have the following courses:

- **English**--Throughout the year, students will explore characters, plots, and settings through reading a variety of novels and short stories. Perspective and author's purpose will be examined in works of fiction and nonfiction. Writing will focus on developing strong arguments, research skills, creative narratives, and citing textual evidence.
- **Social Studies**--In 8th grade social studies, we study the history of our nation. We start with a short review of 5th-grade studies about the original 13 colonies and look at ideas and experiences that influenced the colonists to declare independence from Great Britain. We then study the challenges during the birth of our country, which led to the adoption of our current U.S. Constitution. We learn about regional and economic growth, as well as reforms that led to the Civil War. We end our year with the Reconstruction Period of America in the last half of the 19th Century. Throughout the school year, we use our own set of chrome books to enhance our exploration and analysis of America's past, present, and possible future
- **Science**---The focus in 8th grade is earth science which would include the topics of rock cycles, waves & energy, constellations & planets as well as properties of matter.
- **Math: Pre-Algebra 8 or Algebra 8**
 - Pre-Algebra 8**--The focus is 8th grade Common Core Standards: exponents, scientific notation, real number system, transformations, similarity, dilations, linear functions and geometry formulas.
 - Algebra 8**-- This is a high school level class that focuses on solving equations, linear functions, quadratic functions and trig functions. This class counts as a high school course and will count towards high school GPA.
- **PE 7/8**---Students develop leadership and personal responsibility within a team while embodying good sportsmanship within a gradual release model in a variety of physical activities that promote lifelong health. **Students are required to take PE 7/8 in either grade 7 or grade 8.**
- **Computer Science and STEM**---Students are required to take one of the CS/STEM classes that are offered. They may choose between 1. Personal Computing: Today's Technology 2. Robotics, Programming, and Coding - PLTW- Automation and Robotics 3. Storytelling: Podcasting 4. Engineering: PLTW: Flight and Space. See class descriptions on the following pages.
- **Falcon Focus**
 - Academic Strategies**: Students learn focus, study, and testing tips, as well as get individualized help in how to be successful.
 - Social Emotional Learning**: All students participate in weekly social emotional learning lessons. We follow the Choose Love Movement curriculum, which consists of four units- Courage, Gratitude, Forgiveness, and Compassion in Action. Choosing love means having the courage to be grateful when life isn't easy, to forgive even when the person who hurt you isn't sorry, and to step outside your own pain to help someone else. It's an empowering lesson that love is a choice. For more information on Choose Love go to: chooselovemovement.org
- **Special Education**--If students require special education support, they will receive support from the special education teacher/paraprofessionals within the regular education classrooms as indicated on the IEP's. Many students with IEPs will take a year long Strategies class as their enrichment class. This will allow them time for small group help on assignments and skills, as well as strategies for success.

All 8th graders take two hours of electives classes: On the following page is a list of the classes available to 8th grade students. Students may choose which classes they would like to enrich their education with. Students will have two hours of electives. There are 6, 6 week marking periods in our academic year, so students may take up to 12 elective classes, depending on the length of the courses they select. Although all of these classes are being offered we will base which classes are scheduled on student selections, and not all of the classes will end up on the schedule. Do not base course preferences on current teacher assignments, as these may change.

FULL YEAR (6 marking periods) & SEMESTER (3 marking periods) CHOICES:

I. BAND

Band is a fun, exciting class that gives you the opportunity to play an instrument and continue learning about music. It is a full year commitment. Students will have two concerts during the year to perform for their friends and family. Please contact Mr. Andersen for rental information or to talk to him about available school instruments to use if needed. Come and play in the Band!! **Prerequisite: Band 7**

II. CHOIR

This class is offered to students interested in developing their singing voice. In this class, you will learn how to sing correctly, how to read music, and how to be a musician both as a soloist and as part of a group. Music from all genres will be covered including classical and popular. This year-long class incorporates three performances including the Christmas concert, choir festival, and the spring concert.

III. LINKS (Year or Semester Option)

The purpose of the LINKS/Peer to Peer support class is to provide opportunities for general education students to learn to relate to students with different needs and develop an increased understanding of individual differences. Students will work with a student at SES or SMS. **Students who mark this choice will need to get an application from the counselor. Teacher recommendation is required.**

III. THEATRE

Students will participate in dramatic story-telling through song-writing and theatre production. **Semester (3 marking period) Class.**

1 & 2 MARKING PERIOD CHOICES:

ART OPTIONS

I. 3D and Abstract Art

Students will develop and build upon their artistic skills in three-dimensional media such as clay, wire, plaster, paper mache, drawing, and found materials. Students will learn the foundations of 3D art.

II. Oil/Mixed Mediums

Students will create both paintings and mixed media collages. Students will explore a variety of mixed media collages and artists and use the learning to create their own mixed media collage. A variety of painting techniques will also be studied as students learn how to create different effects through paint.

III. Art and World Culture

Students will examine art from a different continent including North America, South America, Africa, Australia, and Europe. Students will learn more about the culture, what makes the art unique, and what the art represents for various cultures and regions. Students will replicate and create art that is representative of different aspects of art from various cultures and world regions.

IV. Digital Art (Photography)

In this class students with an interest in digital art will have the opportunity to work in a collaborative environment as they examine photography as a form of art.

V. Yearbook

Students work as a team to capture life at Surline Middle School by producing and publishing the yearbook. Students gain experience with writing, editing, photography, and layout design. Students will meet deadlines and photograph events outside of the class period, collaborate with many people in the school population. Students will focus on being organized, responsible, and self-motivated.

VI. Graphic Design

Students will combine the power of text and pictures to create persuasive images that communicate a specific message as they explore career options in graphic design.

VII. Art Expression

Students will explore art and experiment with various forms of art as a way to identify, express and manage emotions.

VIII. Ceramics 1

Hands on introduction to pottery. Students will develop skills in the use of clay as a medium in creating a variety of forms such as Pinch Pot, Coil Pot, Slab Vessel, Subtractive Tile, Mask, and Wall Vase.

IX. Ceramics 2

Continuation of Ceramics I with expansion into wheel and sculpture. Students will develop skills in the use of clay as a medium in creating a variety of forms such as Slab Box, Stylized Ceramic Animal, Distorted Ceramic House, 10" Sculptural piece portrait. **Prerequisite: Ceramics 1**

INDUSTRIAL TECH OPTIONS

I. Intermediate Woodshop

*Students will use 3 principles of design to read drawings, lay out materials, determine a materials bill, and complete a project while safely and properly using electric sanders, band saw, scroll saw, drill and a variety of hand tools. **2 Marking Periods***

II. Drafting

*Students will plan, draft and read blueprints to complete hands-on activities as they understand the importance of plan reading/interpreting drawings in the manufacturing and trade sectors. **2 Marking Periods***

III. Electric Plumbing

Students learn physical principles and fundamental skills across mechanical systems in construction. Students will select materials, assemble, and test basic electrical circuits. Students will select materials and assemble simple copper and plastic plumbing applications for both supply and drains. They will perform simple maintenance of electric motors, electric fixtures and plumbing fixtures.

PERSONAL GROWTH OPTIONS

I. Personal Finance

An introduction to age-appropriate personal finance concepts. Students will explore their money values, learn the basics of banking, saving, and budgeting. Students will act as a mayor of their own town, helping citizens solve the financial problems life throws their way.

II. Pop Culture - Music History

Students will cooperatively research music from the past 5 or 10 decades and compare and contrast the lyrics with historical events/culture of the decade, answering the question: How does/did history affect music and lyrics?

III. Broadcasting

Students learn to write in the style of composition used in television and radio broadcasts. Students will write, perform, videotape and edit a variety of public service and news features. Students will also learn studio cues, countdowns and production vocabulary. Students assume the roles of producer, reporter, announcer, editor and camera crew.

COMPUTER SCIENCE and STEM OPTIONS

(Each student must take at least one CS/STEM Class in their 8th grade year)

I. Personal Computing: Today's Technology

Students explore emerging technologies and their applications to today's life and the societal challenges they pose.

II. Robotics, Programming, and Coding - PLTW- Automation and Robotics

Students explore robotics and automation as they take on the role of interns, and work in teams to create prototypes to meet the needs of clients. They build and analyze mechanical systems and automate them with programmed input and output devices

III. Storytelling: Podcasting

This course will focus on creating a podcast from the bottom up. Students will discover strategies to create a podcast, market a podcast, find the right guests, and even what equipment is needed to produce a podcast.

IV. Engineering: PLTW: Flight and Space

The exciting world of aerospace comes alive through the Flight and Space (FS) unit. Students become engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel and live in space. They solve real-world aviation and space challenges and plan a mission to Mars.

PHYSICAL EDUCATION OPTIONS

I. PE 7/8

*Students develop leadership and personal responsibility within a team while embodying good sportsmanship within a gradual release model in a variety of physical activities that promote lifelong health. **Students are required to take PE 7/8 in either grade 7 or grade 8.***

II. Officiating, Rules and Regulations

Students will learn how to competently officiate several sports within a gradual release model in a variety of physical activities that promote lifelong health.

III. Advanced Strength Training

Students will learn how to competently navigate a weight room and develop exercise programming within a gradual release model in a variety of physical activities that promote lifelong health.

IV. Advanced Cardio Bootcamp

Students will participate in a variety of popular workout classes that promote active lifestyles and lifelong health within a gradual release model.

V. Advanced Winter Sports

Students develop leadership and personal responsibility within a team while embodying good sportsmanship within a gradual release model in a variety of physical activities that promote lifelong health. Sports include pickleball and volleyball.

VI. Advanced Spring Sports

Students develop leadership and personal responsibility within a team while embodying good sportsmanship within a gradual release model in a variety of physical activities that promote lifelong health. Sports include soccer, flag football, lacrosse and field hockey.

(STUDENT LAST NAME)

(STUDENT FIRST NAME)

23-24

8

REQUIRED ELECTIVES:

PE 7/8

I took PE & HEALTH EXPLORE in 7th Grade _____ ---or---I need to take PE 7/8 next year_____

Computer Science/STEM Requirement

I want to take the following course to meet this requirement (circle one):

1. Personal Computing: Today's Technology
2. Robotics, Programming, and Coding - PLTW- Automation and Robotics
3. Storytelling: Podcasting
4. Engineering: PLTW: Flight and Space

Elective Choices:

Fill two hours with elective choices. Remember to list your PE 7/8 if you still need to meet that requirement. Look at the courses on the previous pages and their course lengths. The order you list your courses does not determine the order it will be listed on your schedule.

Hour 1

MP1: Computer Science/STEM Requirement

MP2: _____

MP3: _____

MP4: _____

MP5: _____

MP6: _____

Hour 2

MP1: _____

MP2: _____

MP3: _____

MP4: _____

MP5: _____

MP6: _____

Alternates:

1: _____

2: _____

3: _____

4: _____

Signing indicates that we have read, discussed and understand the 8th grade classes at SMS. We agreed with the preferences that have been marked on this paper.

STUDENT SIGNATURE: _____

PARENT SIGNATURE: _____

Date: _____

RETURN THIS FORM BY: THURSDAY, MAY 4

Questions:

Ashleigh Martin

Surline Middle School Counselor

989-343-2145

martina2@wbrc.k12.mi.us