



Surline Middle School 5th Grade Educational Development Plan (EDP) & Course Description

5th Grade Schedule: *In 5th grade students switch classes/teachers every hour. They have 4 core courses, one academic rotation course, one elective rotation course, and Falcon Focus each day.*

I. All 5th graders will have the following courses:

- **English/Language Arts** *This course will target students' growth in the areas of reading, writing, grammar, vocabulary, mechanics, listening, speaking, discussion, reflection, and viewing. Our primary focus in language arts class will be reading texts critically and using those texts as a springboard for various writing styles, demonstrating the rules of grammar, and oral expression. This year you can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. These writing pieces will model the different writing styles we will be working on ourselves. Writing assignments will include timed responses, performance tasks, journal writing, essays, critiques, and creative pieces. Vocabulary, spelling, and grammar assignments will also be an important part of this class.*
- **Social Studies** *Building upon the geography, civics and government, and economics concepts of the United States mastered in 4th grade and historical inquiry from earlier grades, the 5th grade expectations begin a more discipline-centered approach concentrating on the early history of the United States. Students begin their study of American history with Indigenous Peoples before the arrival of European explorers and conclude with the adoption of the Bill of Rights in 1791. Content expectations are organized by historical era, they build upon students' understanding of the other social studies disciplines from earlier grades and require students to apply these concepts within the context of American history.*
- **Science** *Students will explore the following areas in science with hands-on activities, observations, and reading science articles. We will be using the Mystery Science Units which focus on the Next Generation Science standards. The 4 main units of Science Curriculum include:*
 - o Unit 1 – Web of Life: Ecosystems and the Food Chain
 - o Unit 2 – Watery Planet: Water Cycle, Resources, and Systems
 - o Unit 3 – Spaceship Earth: Sun, Moon, Stars, and Planets
 - o Unit 4 – Chemical Magic: Chemical Reactions and the Properties of Matter
- **Math** *The Eureka Math Curriculum is being used by grades Pre-K through 5. It covers the Common Core State Standards which have been organized into 5 categories: Number & Operations – Base Ten, Number and Operations – Fractions, Operations and Algebraic Thinking, Geometry, and Measurement and Data. At the 5th grade level, emphasis is placed on understanding place value; the addition, subtraction, multiplication and division of whole numbers, decimals, and fractions; knowing and using the measurement units of length, weight, area, volume, and time and converting between different units; constructing and interpreting graphs; solving single and multi-step word problems; and understanding the meaning of angles and geometric shapes. Our goal is to ensure that students have mathematics skills and know how to apply math to problem solving.*
- **Falcon Focus:**
 - o Academic Strategies: *Students learn focus, study, and testing tips, as well as get individualized help in how to be successful.*
 - o 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 and paraprofessionals within the regular education classrooms as indicated on their IEP.*

II. All 5th graders will have an academic rotation (rotates every marking period or 6 weeks):

- Personal Computing---*This course serves as a foundation for students as they move into middle school. Topics covered include email, calendar, hardware, software, storage, digital footprints, and Office and Google application uses.*
- Wonder Workshop---*Inquiry learning encourages students to be curious, to wonder, to have choice, to problem solve, to collaborate. Students take their learned reading, writing, and math skills and use them with learning that matters to them. The skills learned in the content areas will now be put to use on a 'wondering' they have, a question they need to answer, something they want to explore, or a project they want to create, making their learning more meaningful and authentic.*
- Math Builder---*Geometry topics are covered in this course starting with plotting points on the coordinate plane and identifying types of lines (parallel, perpendicular and intersecting). Then moving into measuring and constructing types of angles and identifying types of triangles. The class ends with an exploration of the characteristics of various polygons and how to annotate them. Math problem solving puzzles are also utilized.*
- Character Ed---*Students will engage in lessons and activities that promote social emotional learning skills. The novel, Wonder by R.J. Palacio 2012, will be used as a foundation text to introduce concepts and encourage discussion. Reading, writing, language, and speaking listening standards will be addressed to support the English Language Arts curriculum. Students will also have the opportunity to compare and contrast text and film versions of the novel.*
- Communication/Debate---*The focus is on effective communication, improving communication skills, and habits to avoid while communicating. Students will work collaboratively to present and debate various topics.*
- Literature Circles---*Students develop small groups of readers and writers who gather together to discuss a piece of literature in depth.*
- Study Skills (Intervention)---*(Administrator or Interventionist recommendation only) Study Skills is a class that is tailored to students that can benefit from extra support with organization, re-teaching of content from all core classes, study strategies, test taking strategies, and a time for students to regroup and prioritize during the school day. It is teacher driven and directed with the intent of helping students with their individual needs. Parents will be notified if their child is eligible.*

II. All 5th graders will have an elective rotation (rotates every marking period or 6 weeks):

- Music FUNdamentals---*Students will develop their music skills using notation, creation, and composition. Students will learn how to read music notation, followed by exploring music creation with the use of various instruments. Finally, students will experiment with composing music using improvisation techniques and notation composition software.*
- Engineering:STEM---*STEM is a curriculum based on the idea of educating students in four specific disciplines: science, technology, engineering and mathematics- in an interdisciplinary and applied approach. Rather than teach the four disciplines as separate and discrete subjects, STEM integrates them into cohesive learning units based on real-world applications.*
- 5 PE Survey---*Students will learn interpersonal skills to develop teamwork and sportsmanship in*

a variety of physical activities that promote lifelong health.

• The Last Three elective rotation classes will be based on student choice:

Included is a list of the elective classes available to 5th grade students. Students may choose which classes they would like to enrich their education with. Fill out, and return, the last page to designate your selections. 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.

COMPUTER SCIENCE and STEM OPTIONS

1. Robotics, Programming, and Coding: Web Design

Students learn to create websites using HTML and CSS (coding languages) inside Code.org's Web Lab environment. Throughout the unit, students consider questions of privacy and ownership on the internet as they develop their own personal websites.

2. Robotics, Programming, and Coding: Microbit Mania

Students use Code.org's App Lab environment, in conjunction with the Adafruit (hardware) Circuit Playground, to explore the relationship between hardware and software. Throughout the unit, students develop prototypes that mirror existing innovative computing platforms, before ultimately designing and prototyping on their own.

3. Gaming: App Design

Students apply the problem solving process to the problems of others, learning to empathize with the needs of a user and design solutions to address those needs. During the second half of the unit, students form teams to prototype an app of their own design, first on paper and eventually in Code.org's App Lab environment.

4. Gaming: Interactive Animations and Game Making

Students learn fundamental programming constructs and practices in the JavaScript programming language while developing animations and games in Code.org's Game Lab environment. Students end the unit by designing their own animations and games.

PHYSICAL EDUCATION OPTIONS

1. Health 101

Students will address major youth health risk behaviors at every grade level, with age-appropriate instructional activities.

2. Winter Sports

Students will learn interpersonal skills to develop teamwork and sportsmanship in a variety of physical activities that promote lifelong health. Sports include pickleball and volleyball.

3. Spring Sports

Students will learn interpersonal skills to develop teamwork and sportsmanship in a variety of physical activities that promote lifelong health. Sports include soccer, flag football, lacrosse and field hockey.

ART OPTIONS

1. Fundamentals of Art

Students will develop foundation skills in the visual arts, utilizing a variety of materials and tools to create individual projects based on Color, Composition, Value, Form, Shape, Brushwork, and Perspective. These principal art fundamentals constitute concrete visual components that work together as they overlap and influence each other.

2. 2D Drawing and Use of Color

Students will develop visual arts skills, utilizing a variety of materials and tools to create individual projects based on drawings, paintings, prints, and digital printouts. These can be created using a variety of mediums, such as pencil, oil pastels, charcoal, ink, watercolors, and tempera paints.

3. Storytelling through art

Students will examine the history of storytelling and tell stories in a variety of ways through art. These lessons will build students' awareness of how stories can be told visually and how artists use color, line, gesture, composition, and symbolism to tell a story. Students will interpret and create narratives based upon a work of art and apply what they have learned to create works of art that tell a story.

4. Art Expression

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

5. Ceramics 1

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, Wall Vase

PERSONAL GROWTH OPTIONS

1. Home Economics

This fun foundational class allows students to develop important life skills. Students will learn about kitchen and food safety, cooking skills, nutrition, etiquette, hand sewing, and much more as they grow their independence!

(STUDENT LAST NAME)

(STUDENT FIRST NAME)

23-24

5

List your elective choices in order of most wanted:

1. _____

2. _____

3. _____

4. _____

5. _____

Signing indicates that we have read, discussed and understand the 5th grade classes at SMS We agreed with the preferences that have been marked on this paper.

STUDENT SIGNATURE: _____

PARENT SIGNATURE: _____

Date: _____

**RETURN THIS PAGE TO YOUR 4th GRADE TEACHER BY:
THURSDAY, MAY 18**

Questions:

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