

# **Responsive Classroom**



- Students feel safe and included
- Cultivates classroom community
- Validates student's needs for belonging and significance

Social and Emotional	Academic Competencies
Competencies	
Cooperation	Academic Mindset
Assertiveness	Perseverance
Responsibility	Learning Strategies
Empathy	Academic Behaviors
Self-control	

# Responsive Classroom Core Practices



- 1. Morning Meeting Morning Message, greeting, sharing activity
- 2. Academic Choice Electives, choice in assessments and projects
- 3. Interactive Modeling Modeling appropriate behavior, providing feedback, active listening
- 4. Rule Creation Hopes and Dreams
- 5. Positive Teacher Language Naming strengths, reinforcing and reminding language
- 6. Logical Consequences Respectful, related, and realistic
- 7. Guided Discovery Exploration of multiple ways to use resources and share work
- 8. Classroom Organization Welcomes all students, supports active and engaging learning, supports diverse levels and learning styles, foster independence, responsibility and cooperation, cultivates care of materials and equipment
- 9. Working with families Weekly newsletters, email communication, parent teacher conferences, Schoology, field trips, invitations to attend school events.
- 10. Collaborative Problem Solving Project-Based learning

# Responsive Classroom Middle School Expectations



- Respect yourself and try your best
- Respect and be kind to others
- Respect your environment

## 6th/7th Math



Mrs. McLellan

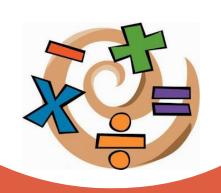
### Classroom Goals

- To support a growth mindset with a focus on math confidence
- To increase interest in STEM-related education areas
- To understand math as a language system with certain rules that remain consistent to ensure that everyone will discover the same value for the expression.



We will build upon skills we previously learned!

# 6th/7th Math Skills



- Whole Numbers
- Decimals & Fractions
- Integers & Rational Numbers
- Ratios, Proportion, & Percent
- Algebraic Expressions & Equations
- Inequalities
- Geometry
- Data Analysis
- Probability & Statistics
- Measurement & Conversions
- Problem-Solving Strategy

### Instructional Strategies

Whole Group
Work

Daily Digital Spiral Reviews Supplemental Resources

Individual Practice

Math Dice & Card Games

Math Manipulatives

Partner Work

Math Mysteries & Logic Puzzles

PBL Projects

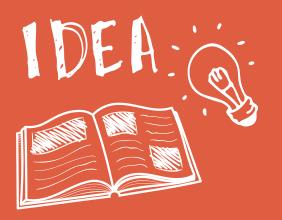
**Grading:** 

Participation,
Select
Classwork,
Homework,
Quizzes, &
Tests

### Pre- and Algebra



Mrs. McLellan



- We believe that a balance of teaching approaches is generally most effective. Therefore, we combine:
- Clear, straight forward instruction in concepts and skills
- With thought-provoking student activities such as "The Case of Pete's Pet"
- Relevant real-life applications such as "Theme Park Tycoon"
- Powerful strategies for problem solving and communications such modified Cornell Notes.

# Pre-/Algebra I

Mrs. McLellan

- Integers, rational numbers, real numbers, and whole numbers
- Math expressions and equations
- Inductive and Deductive Reasoning
- Proportions, Ratios, and Percentages
- Graphing, Coordinate planes, and problem solving
- Systems of linear equations
- Pythagorean Theorem



### 6th Grade ELA



Mr. Hoagland



- Students will examine various genres of writing while improving their own reading, writing, listening, and speaking skills.
- Some things the students will learn this quarter are: the plot structure diagram, story elements, literary devices, and an ongoing bolstering of advanced vocabulary.
- Course Materials: Storytown textbook, SAT vocabulary list, various fiction and nonfiction book excerpts, Typerush, and more.
- ELA Aligned Units 2022-22023:

Story Elements, Writing Format & Punctuation, Literary Devices, Parts of Speech, Sentence Types, Transitions & Conjunctions, Genres, Writing Jobs, Expository Writing, Poetry, Research Writing, Citations & Sources, Persuasive / Argumentative Writing, Narrative Writing & Short Stories

### 7th and 8th Grade ELA

Mr. Hoagland



- Students will examine various genres of writing while improving their own reading, writing, listening, and speaking skills.
- Some things the students will learn this quarter are: the plot structure diagram, story elements, literary devices, and an ongoing bolstering of advanced vocabulary.
- Course Materials: Literature textbook, SAT vocabulary list, various fiction and nonfiction book excerpts, Typerush, and more.
- ELA Aligned Units 2022-22023:
- Story Elements, Writing Format & Punctuation, Literary Devices, Parts of Speech, Sentence Types, Transitions & Conjunctions, Genres, Writing Jobs, Expository Writing, Poetry, Research Writing, Citations & Sources, Persuasive / Argumentative Writing, Narrative Writing & Short Stories

### 6th Grade Religion

Mrs. Wilson



- In 6th grade, much of our emphasis is in the study of the Scripture. We will discuss where Scripture comes from and how God reveals himself to us through His word. There is a focus on Sacred Art and its depiction of Salvation History.
- Most of the grading will come from in class projects and assignments, including group work and discussion. The occasional "tests" would be vocabulary words.

### 7th and 8th Grade Religion

Mrs. Wilson

- Much of our emphasis is on creating wellrounded disciples. We will discuss virtues, Scripture, prayer, and the sacraments. There is a huge emphasis on Sacred Art that allow the students to engage in discussion in a safe and sacred environment.
- Most of the grading will come from in class projects and assignments, including group work and discussion. The occasional "test" would be vocabulary words.



### 6th Grade Science

### **Course Materials:**

- Glencoe Science Textbooks: Earth Materials and Processes, The Changing Surface of the Earth, The Water Planet, Ecology and Astronomy
  Smithsonian Learning Lab
  National Geographic Kids
  NASA Materials for the Classroom

- Scholastic Science World Magazine

Standards Aligned: Next Generation Science Standards (2019)

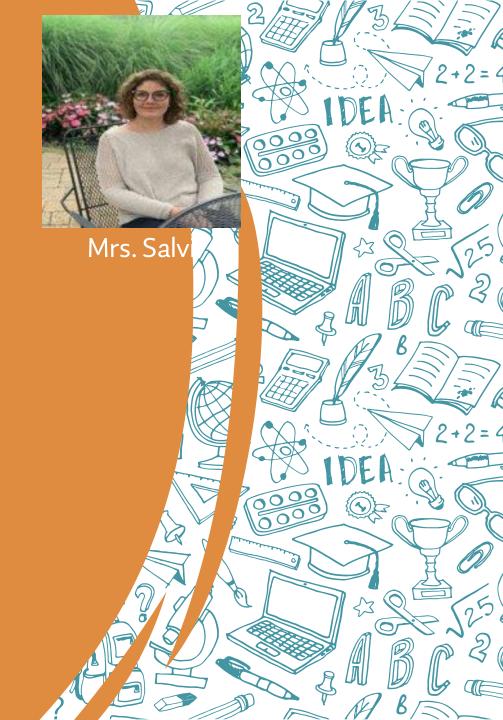
Unit 1 – The Scientific Method

Unit 2 - Patterns in the Night Sky

Unit 3 – Earth's Dynamics

Unit 4 – Ecology

Unit 5 – Weather Science



### 7th and 8th Grade Science

Mrs. Salvi



### **Course Materials:**

Glencoe: Life Structure and Function, From Bacteria to Plants, Animal Diversity, Ecology Textbooks, PhET Simulations, Biology Corner, Carolina Biological, TEDed, Smithsonian Science Education Center, Scholastic Science World Magazine

Standards Aligned: Next Generation Science Standards (2019)

**Unit 1** – The Scientific Method

**Unit 2** - Life's Structure and Function

<u>Unit 3</u> – From Bacteria to Plants

**Unit 4** – Animal Diversity

**Unit 5** – Ecology

### Science Process Skills

Observing

Classifying

Measuring

Communicating

Inferring

Predicting

Analyzing

Forming Conclusions

### **Grading:**

- Projects
- Interactive Notebook
- Participation
- Classwork
- Homework
- Assessments

### 6th Grade Social Studies

Mr. Hoagland

• Students will cover a wide variety of topics this year, including but not limited to:

Foundations of World Geography, Early Humans and Prehistory, River Valley Civilizations, Ancient Civilizations (Egypt, China, Greece, Rome, Meso-America)

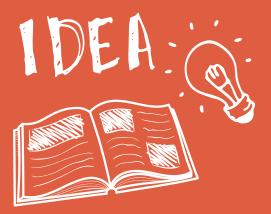
Classroom Materials:

Glencoe World History Textbook, National Geographic Kids, Geoguesser, world maps, Teded

### 7th and 8th Grade Social Studies

Mr. Hoagland





• Students will cover a wide variety of topics this year, including but not limited to:

World Geography basics and map types, Americans prior to "Discovery", "Discovery" of North America, Native Americans, Colonial America, The Age of Exploration and Conquistadors, The American Revolution, The Rise of the American Nation, and The Early Republic

### STREAM Class - Habits of Mind



#### 1. Persisting

Stick to it! Persevering in task through to completion; remaining focused. Looking for ways to reach your goal when stuck. Not giving up.



#### 2. Managing Impulsivity

Take your time!

Thinking before acting; remaining calm, thoughtful and deliberative.



### 3. Listening with understanding and empathy

Understand others!

Devoting mental energy to another person's thoughts and ideas; Make an effort to perceive another's point of view and emotions.



### 4. Thinking flexibly

Look at it another way!

Being able to change perspectives, generate alternatives, consider options.



#### 5. Thinking about your thinking

(Metacognition) Know your knowing!

Being aware of your own thoughts, strategies, feelings and

actions and their effects on others.



#### 6. Striving for accuracy

Check it again!

Always doing your best. Setting high standards. Checking and finding ways to improve constantly.



#### 7. Questioning and problem posing

How do you know? Having a guestioning attitude: knowing

what data are needed & developing questioning strategies to produce those data. Finding problems to solve.



#### 8. Applying past knowledge to new situations

Use what you learn!

Accessing prior knowledge; transferring knowledge beyond the situation in which it was learned.



#### 9. Thinking & communicating with clarity and precision

Be clear!

Strive for accurate communication in both written and oral form; avoiding over-generalizations, distortions, deletions and exaggerations.



#### 10. Gather data through all senses

Use your natural pathways!

Pay attention to the world around you Gather data through all the senses. taste, touch, smell, hearing and sight.



#### 11. Creating. imagining, and innovating

Try a different way!

Generating new and novel ideas, fluency, originality



#### 12. Responding with wonderment and awe

Have fun figuring it out!

Finding the world awesome. mysterious and being intriqued with phenomena and beauty.



#### 13. Taking responsible risks

Venture out!

Being adventuresome; living on the edge of one's competence. Try new things constantly.



#### 14. Finding humor

Laugh a little!

Finding the whimsical, incongruous and unexpected. Being able to laugh at one's self.



#### 15. Thinking interdependently

Work together!

Being able to work in and learn from others in reciprocal situations. Team work.



#### 16. Remaining open to continuous learning

Learn from experiences!

Having humility and pride when admitting we don't know; resisting complacency.



# Middle School STREAM

Students will work through the engineering design process while participating in building challenges and projects. Students will practice critical thinking and communication skills while working collaboratively with their peers. Challenges and projects will allow students to create using a variety of materials and tools.

### **Projects:**

- Phipps Fairchild Challenge September May
- Barrels by the Bay Rain Barrel Program
- Rube Goldberg Machine Contest October March Rube Goldberg Machine Contest Task Announcement 2023
- Odyssey of the Mind December March
- St. Vincent Pasta Bridge Challenge February-March

