

## Life Science:

**Diversity of Life:** Students construct explanations about the structures and functions of living organisms.

**Human Brain and Senses:** Students construct explanations for the relationships between structures and function of the human sensory and nervous system.

**Populations and Ecosystems:** Students investigate the roles that each organism plays in the ecosystem and how the behavior of one can affect all.

**Unified Arts:** Students will have the opportunity to participate in the following classes:

Art	Music	Health
Tech Ed	Physical Education	
Computer	Guidance	

## Social Studies:

In seventh grade, focus is on geography, political boundaries and how physical boundaries may affect countries. Students also begin to study the global economy. They learn countries' natural resources, manufacturing abilities and their economics.

Students hone their map skills in this class. They learn about the different types of maps that are available and how they can be used to solve problems.

## Supporting Student Learning:

Websites to visit:

National Geographic for Kids

<http://kids.nationalgeographic.com/kids/>

Free Rice

<http://freerice.com>

Global Climate Change

<http://epa.gov/climatechange/kids/index.html>

NASA Kids Club

<http://www.nasa.gov/audience/forkids/kidsclub/flash/index.html>

Earth Science Explorer

<http://www.cotf.edu/ete/modules/msese/explorer.html>

Read, Write, Think

<http://www.readwritethink.org/parent-afterschool-resources/grade/5-6/>

Khan Academy

<http://www.khanacademy.org/>

Visit the District website:

[www.wrsdsau59.org](http://www.wrsdsau59.org)

WINNISQUAM REGIONAL MIDDLE SCHOOL

PRINCIPAL: ROBERT SEAWARD

ASST. PRINCIPAL: SHANNON KRUGER

PHONE: 286-7143

EMAIL: [rseaward@wrsdsau59.org](mailto:rseaward@wrsdsau59.org)

[skruger@wrsdsau59.org](mailto:skruger@wrsdsau59.org)



WELCOME TO  
WINNISQUAM REGIONAL  
MIDDLE SCHOOL

WHAT WILL  
MY SEVENTH GRADER  
LEARN THIS YEAR?

## Mathematics Overview:

### Ratio and Proportional Relationships:

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

### The Number System

- Apply and extend with fractions to add, subtract, multiply and divide rational numbers.

### Expressions and Equations

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

### Geometry

- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

### Statistics and Probability

- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use and evaluate probability models.

### Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.



## What Will My Child Be Expected to Know and Be Able To Do In English Language Arts and Math?

### ELA Overview:

1. Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.
2. Analyze the interactions between individuals, events and ideas in text.
3. Determine an author's point of view or purpose in a text.
4. Compare and contrast a text to an audio, video or multimedia version of the text analyzing each medium's portrayal of the subject.
5. Explain phrases and clauses within a sentence, recognizing and correcting misplaced and dangling modifiers.
6. Interpret figures of speech (literary, biblical, and mythological allusions) in context.
7. Write arguments to support claims with clear reasons and relevant evidence.
8. Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through selection, organization, and analysis of relevant content.
9. Write a narrative that includes techniques such as dialogue, pacing, and description to develop experiences, events and/or characters.
10. Use technology, including the internet to produce and publish writing and link to cite courses as well as interact and collaborate with others.
11. Write routinely for short and longer periods of time.
12. Engage effectively in a range of collaborative discussions.
13. Analyze the main ideas and supporting details presented in diverse media and formats and explain how to clarify ideas.