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 eighth grade, focus is on American History and the Constitution. Students learn about the branches of our federal government and the jobs that each branch is responsible to accomplish. They will also look in depth at the Constitution and its Amendments. Students will study about the law and participate in hands-on activities such as Mock Trials.

Current events also play a role in the social studies class.
Mathematics Overview:

The Number System
- Know that there are numbers that are not rational, and approximate them by rational numbers.

Expressions and Equations
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines and linear equations.
- Analyze and solve linear equations and pairs of simultaneous linear equations.

Functions
- Define, evaluate and compare functions.
- Use functions to model relationships between quantities.

Geometry
- Understand congruence and similarity using physical models, transparencies, or geometry software.
- Understand and apply the Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

Statistics and Probability
- Investigate patterns of association in bivariate data.

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 a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, settings, and plot; provide an objective summary of the text.
2. Analyze how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character or provoke a decision.
3. Analyze how differences in the points of view of characters, the audience or reader create such effects as suspense or humor.
4. Determine the author’s point of view or purpose in the text and analyze how the author acknowledges and responds to conflicting evidence or viewpoints.
5. Analyze the purpose of information presented in diverse media and formats and evaluate the motives behind the presentation.

6. Evaluate the advantages and the disadvantages of using different mediums (e.g. print or digital text, video, multimedia) to present a topic or idea.
7. Write arguments to support claims with clear reasons and relevant evidence.
8. Write informative/explanatory texts to examine a topic, convey ideas, concepts, and information through selection, organization, and analysis of relevant content.
9. Write a narrative that engages and orients the reader by establishing a context and point of view and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and logically.
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. Use an ellipsis to indicate omission.
14. Recognize and correct inappropriate shifts in verb voice and mood.