

Grade 8 Learning Outcomes November 2019

English Language Arts

- In literary texts, analyze how particular lines of dialogue or events propel the action, reveal aspects of a character, or provoke a decision.
- In informational texts, analyze how individuals, events, and ideas are introduced, relate to each other, and are developed
- Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings. Analyze the impact of specific word choices on meaning, tone, and mood, including words with multiple meanings.

Academic Vocabulary

- Hypothesis
- Function

Social Studies

- Urban Problems resulting from industrialization sparked the Progressive movement and increased the calls for reform and equality by various groups.
- The Industrial Revolution had significant consequences, including increasing urbanization, the need for a larger labor force, and the emergence of new business practices.

Mathematics

- Establish facts about the angle sum and exterior angle of triangles; about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles.

Science

- Application of Newton's Third Law of Motion to design a solution to a problem involving the motion of two colliding objects.
- Plan and conduct an investigation to provide evidence that the change in an object's motion depends on the sum of the forces on the object and the mass of the object.

Science Lab

Analysis, Inquiry and Design

- Students will use mathematical analysis, scientific inquiry & engineering design, as appropriate, to pose questions, answers and develop solutions.

Class Art with Mrs. Rossicone

- Identify similarities and differences between artworks displaying a figure in a setting.
- Select a photograph of a figure in a setting based on its scale and composition.
- Use pencil to make a sketch.
- Use pencil to make a value chart.

Arts with Mrs. Rossicone

- Create an abstract still-life collage based on an actual still life.
- Explain how value, texture, pattern and color can be used to create unity and balance.

Technology with Miss Rappo

CCSS.ELA-Literacy. W.8.6

Use technology, including the Internet, to produce and publish writing and present relationships between information and ideas efficiently as well as to interact and collaborate with others.

