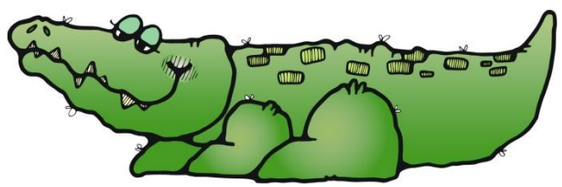
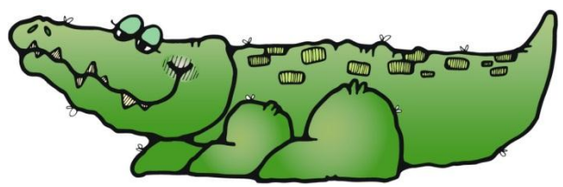
Content Objective: Students will participate in two collaborative conversations, compare and contrast a small group discussion with a whole group discussion and create classroom collaborative norms.

Language Objective: Students will discuss "Sierpinski Triangle" to compose classroom collaborative norms.

Content Objective: Students will identify the properties of various geometric objects.

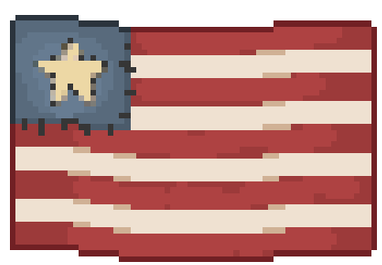
Language Objectives: Students will explain their rationale of for sorting shapes and be able to justify their reasoning.





Content Objective: Students will learn how to sort out figures by their lines (parallel and perpendicular)

Language Objective: Students will define parallel and perpendicular lines.

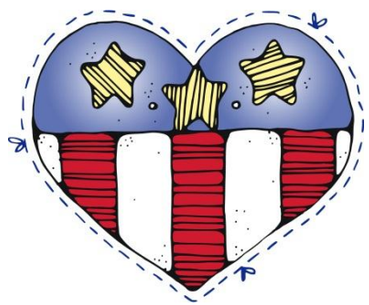


Content Objective: Students will understand that a right angle is 90 degrees, an obtuse angle is bigger that a right angle and an acute angle is smaller than a right angle.

Language Objective: Students will be able to describe right, acute and obtuse angles.

Content Objective: Students will be able to identify the basic geometric figures.

Language Objective: Students will explain the definitions of basic geometric terms.

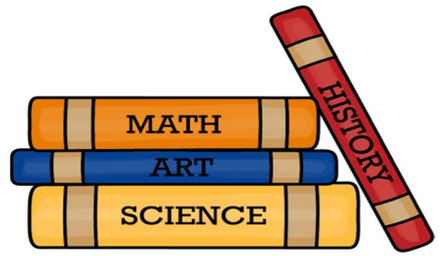


Content Objective: Students will learn that all shapes can change or be modified. Students will look for specific patterns.

Language Objective: Students will explain how a shape can change when a side is added to a figure.

Content Objective: Students will recognize the geometric components that make up shapes.

Language Objective: Students will be able to name the geometric components of different shapes and describe the shape using an if_____, then_____ statement.



Content Objective: Students will recall and use geometric components and figures in order to complete a map project.

Language Objective: Students will write two sets of directions for their map.