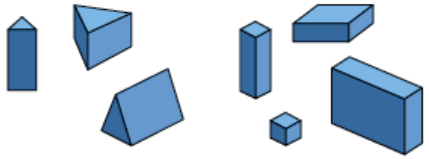
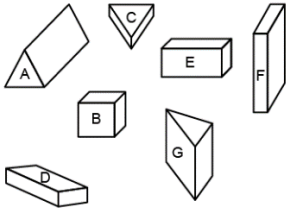
Geometry

Activity 5 Assessment

2-D Shapes and 3-D Solids Consolidation

Describing and Constructing Regular and Triangular Prisms

Recognizes and names common attributes of rectangular and triangular prisms.	Describes attributes of rectangular and triangular prisms.	Sorts a set of rectangular and triangular prisms using the shape of the base.
		
"Triangular prisms have some faces that are triangles. Rectangular prisms have faces that are rectangles."		"When the shape of the base is a triangle, it's a triangular prism."

Rectangular Prism	Triangular Prism
6 rectangular faces	2 triangular faces
8 vertices	3 rectangular faces
12 edges	6 vertices
opposite faces congruent	9 edges
	triangular faces congruent

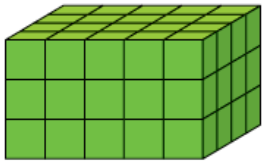
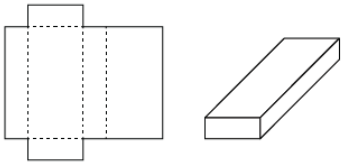
Observations/Documentation

Geometry

Activity 5 Assessment

2-D Shapes and 3-D Solids Consolidation

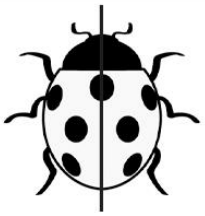
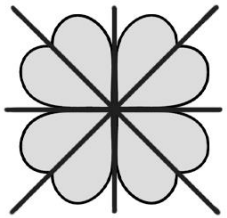
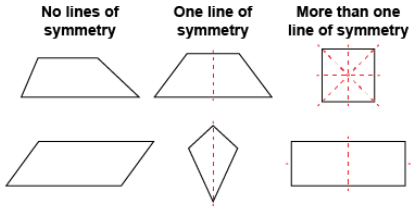
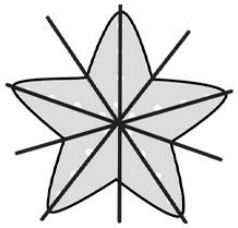
Describing and Constructing Regular and Triangular Prisms (cont'd)

Constructs and describes models of rectangular and triangular prisms using various materials.  "I made a rectangular prism using linking cubes. All the faces are rectangles and there are 8 vertices."	Constructs rectangular and triangular prisms from their nets.  "I knew this would make a rectangular prism because there are 3 pairs of congruent rectangles and when I visualized folding the net, they were opposite each other."	Makes and applies generalizations about rectangular and triangular prisms to objects in the environment.  "A tent shaped like a triangular prism only needs one pole in the centre to support it and there is easy access through the triangular-faced door. The rectangular faces make it sturdy."
Observations/Documentation		

Geometry

Activity 5 Assessment

2-D Shapes and 3-D Solids Consolidation

Understanding Line Symmetry			
Identifies a line of symmetry on 2-D shapes using various tools.	Identifies more than one line of symmetry on 2-D shapes.	Sorts shapes according to the number of lines of symmetry; none, one, or more than one.	Recognizes symmetry in the environment and makes connection to congruence.
			
"I used a Mira to find the line of symmetry. When I folded the ladybug in half along the line, the two halves matched exactly."	"The clover has 4 lines of symmetry. I could prove it by folding, using a Mira, or cutting and laying parts on top of each other."	"Some shapes don't have a line of symmetry and are not symmetrical. Other shapes have more than one line of symmetry."	"A starfish has 5 lines of symmetry and for each line, the two halves are congruent."
Observations/Documentation			