## Fifth Grade

## Math Learning Progression

Vocabulary: triangle, quadrilateral, trapezoid, parallel, square, kite, rhombus, rectangle, parallelogram, area, perimeter, transform, congruent

Identify, describe, and classify quadrilaterals (including rhombi, parallelograms, kites, squares, trapezoids, and rectangles)
"I can draw, name, and explain what facts make any quadrilateral."

## Formative Assessments:

 Two dimensional Shapes Pictures GeoboardsDrawings
Real-life examples Rulers, measuring tools

Identify,
describe, and classify
triangles by angle measure and number of congruent sides.
"I can draw and give 2 names to any triangle,
(by angle or by sides)."
Formative Assessments:
2-D Geometric models (triangles)
Geoboards
Pictures
Drawings
Real-life examples

Demonstrate that rectangles with the same area can have different perimeters, and rectangles with the same perimeter can have different areas.
"I can show and explain how rectangles can have the same perimeters and different areas, and vice versa."

Formative Assessments:
2-D Geometric models (squares \& rectangles)
Color tiles
Geoboards
Pictures
Drawings
Real-life examples

## "I can show and explain

 how to change triangles and quadrilaterals to rectangles to find their area."Formative Assessments:
2-D Geometric models
(triangles \& rectangles)
Color tiles
Geoboards
Pictures
Drawings
Real-life examples generalized formulas from transformations of triangles and quadrilaterals to find their areas
"I can show and explain the process I use to find and calculate the perimeter and area of triangles and quadrilaterals."

Formative Assessments:
2-D Geometric models
(triangles \& rectangles)
Color tiles
Geoboards
Pictures
Drawings
Real-life examples

Math \& Science Collaborative Inquiry Project

