

# Fourth Grade

## Math Learning Progression

**Vocabulary:** x-axis, y-axis, origin, quadrant, coordinates, Cartesian Graph, ordered pair, points intersection, positive, negative

Explore graphing possibilities and labeling of points on grid paper (alpha – numeric)

“I can explore graphing possibilities and labeling of points on grid paper.” (alpha – numeric)

**Formative Assessments:**  
Grid paper  
Taped grid on floor  
Symmetry Drawings

Place and name axes on a Cartesian Grid system and label the four quadrants

“I can place and name axes on a Cartesian Grid system and label the four quadrants.”

**Formative Assessments:**  
Grid Paper  
Floor or Ceiling grid  
Plastic netting  
(large holes)  
Small White Boards  
Peg boards & golf tees

Identify and locate points in the first quadrant and determine proper labels for the data being displayed

“I can identify and locate points in the first quadrant and determine proper labels for the data being displayed.”

**Formative Assessments:**  
Geoboards  
Grid Paper  
Floor or Ceiling grid  
Plastic netting  
Small White Boards  
Peg boards & golf tees

Mark a set of dictated points on a graph and connect them in order to produce a recognizable figure / design

“I can mark a set of dictated points on a graph and connect them in order to produce a recognizable figure / design.”

**Formative Assessments:**  
Geoboards  
Grid Paper  
Floor or Ceiling grid  
Plastic netting  
Small White Boards  
Peg boards & golf tees

Plan and accurately locate specific sets of points on a Cartesian graph in the first quadrant

“I can Plan and accurately locate specific sets of points on a Cartesian graph in the first quadrant.”

**Formative Assessments:**  
Battleship game  
Shape or figure design  
Geoboards  
Grid Paper  
Floor or Ceiling grid  
Plastic netting  
Small White Boards  
Peg boards & golf tees

**4.4.D**  
Graph and identify points in the first quadrant of the coordinate plane using ordered pairs.  
**CCSSM 5.G.1&2**