

Lesson Outline

BIG PICTURE

Students will:

- extend plotting of points to all four quadrants;
- graph lines using a starting point and a series of consistent up, down, left, and/or right changes in position;
- begin to use a structure for mathematical inquiry referenced throughout the Grade 9 program.

Day	Lesson Title	Description	Expectations
1	From One Point to Another <i>Lesson included</i> <i>Presentation software file: Points and their Coordinates (p. 14) included</i>	<ul style="list-style-type: none"> • Review of plotting points by hand on the xy-plane • Play a game to reinforce the skill of plotting points on the xy-plane 	AG3.01 CGE 5a
2	Chief Petty Officer's Dilemma <i>Lesson included</i>	<ul style="list-style-type: none"> • Application of plotting points on the xy-plane to solve a problem • Introduction of the inquiry process through a context 	AG3.01, AG3.02 CGE 2b, 3c
3	Building a Rubric <i>Lesson included</i>	<ul style="list-style-type: none"> • Introduction of setting criteria for a task and the design of a rubric • Discussion of goal setting 	AG3.01, AG3.02 CGE 2c