

Coordinate Lab Lesson

<http://www.mathsisfun.com/data/cartesian-coordinates-interactive.html>

1. Drag the target to coordinate (-5, 2) _____
 - a. What QUADRANT is this point located? _____
 - b. Drag the target to coordinate (-5.5, 2.9) _____
 - i. What directions did your target move?

2. Drag the target to coordinate (-9.9, -5) _____
 - a. What QUADRANT is the point located? _____
 - b. Drag this point to any spot in the IV QUADRANT and tell me the coordinates:
(_____, _____)

Hit the Coordinate Game:

- <http://www.mathsisfun.com/data/click-coordinate.html>
 - Score= _____

Catch the Fly Game for 5 minutes:

- http://hotmath.com/hotmath_help/games/ctf/ctf_hotmath.swf

<http://www.teacherled.com/resources/fourquadgraph/fourquadload.html>

Plot the following points and then describe what you see when done!

- (-5, 5), (-6, 5), (-7, 5), (-7, 4), (-7, 3), (-6, 3), (-5, 3)
- (-5, 1), (-5, 0), (-5, -1), (-4, -1), (-3, -1), (-3, 0), (-3, 1)
- (-2, -2), (-1, -2), (0, -2), (0, -3), (0, -4), (0, -5), (1, -2), (2, -2)
- (7, 0), (6, 0), (5, 0), (4, 0), (4, 1), (4, 2), (5, 2), (4, 3), (4, 4), (5, 4), (6, 4), (7, 4)

WHAT WORD DO YOU SEE????? _____

TESTA: http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks3/maths/coordinate_game/game1.htm SHOW TEACHER your score + _____/10 points.

Test B: What's the Point: <http://www.funbrain.com/cgi-bin/co.cgi> SHOW TEACHER YOUR SCORE before moving on!

ADVANCED OPPORTUNITY:

- http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-861s.html
 - Make a table, graph, and rule to represent the following:
 - Theo's bike tour can ride 9.3 miles for each hour of riding. IF they ride for 8 hours, how many miles will they have traveled?

- http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-074s.html
 - Make a table of values for X and Y, given the following equation, then graph
 - $Y = \frac{1}{2} X + 7$

- Turn to page 32 and make a graph of the data in the table using the following website:
 - <http://nces.ed.gov/nceskids/createagraph/>
 - YOU CAN USE YOUR PERSONAL DEVICE IF YOU HAVE ONE!

How to plot points on a coordinate grid video:

- <https://www.youtube.com/watch?v=r16l6LB2YbQ>
- <https://www.youtube.com/watch?v=OYnzYgoQQIg>

For Fun: Locate the Aliens! http://www.mathplayground.com/locate_aliens.html

