

Reflecting Your Name

SPI 3108.3.3, SPI 3108.4.10

Objective: Students will be able to plot ordered pairs and construct reflections about the x-axis and y-axis.

Materials:

- Graph Paper
- Straight Edge
- Letter Point Sheet (Can be written on the board or on overhead)

Standard: Identify, describe, and/or apply transformations on two and three dimensional geometric shape.

Planning and Pacing: 30 minutes

Graph your Name				
A	1, 2		N	6, 8
B	2, 8		O	7, 1
C	3, 1		P	7, 3
D	3, 5		Q	7, 5
E	3, 9		R	8, 0
F	4, 0		S	8, 4
G	4, 3		T	8, 8
H	4, 8		U	9, 1
I	5, 1		V	9, 4
J	5, 3		W	9, 7
K	5, 7		X	10, 0
L	6, 0		Y	10, 5
M	6, 2		Z	10, 9

Each student will graph each letter of their first name according to the list above. They will draw a line starting at the origin and connect each letter in the order of their name returning to the origin at the end.