

Coordinate Graphing Project



Design Your Town



Poppy's Bell

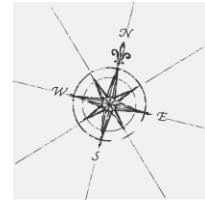
Thank you for downloading this item. I hope it is helpful. I truly value all feedback and encourage you to contact me if you have any questions, comments, or suggestions for improvement.



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Create Your Own Town/City Coordinate Graphing Project

1. Label and number the X and Y axis on your graph paper.
2. Design your town. Draw at least 7 buildings on your graph paper (school, hospital, post office, library, grocery store, church, houses, etc) by plotting points and connecting them to make shapes. You may also draw areas that are not buildings, such as parks, lakes or parking lots. You may combine squares, rectangles, and other polygons to create different shapes.
3. Label each of your buildings.
4. Include at least 4 points on your coordinate grid. These points may represent trees, flowers, traffic signals, signs, benches, or other objects. Label each point with what it represents or use a key.
5. Include a compass rose
6. Give your town or city a creative name.
7. On a separate piece of paper, list all of the coordinates you have included in your grid. For buildings, remember to write all of the ordered pairs that make up the building in the order they should be plotted. For example: Post Office (3, 1), (5, 1), (5, 3), (3, 3)
8. On another sheet of paper, write 5 questions about the town or city you have designed, and include the answers on a separate sheet.
Sample Questions: What is the perimeter of the school?
How many units north do you have to travel to get from the mall to the lake?
What are the coordinates of the grocery store?
9. Add color to your blueprint. Add streets between the buildings.
10. Staple all of the papers together.
11. Your finished product should be neat and legible.



Coordinate Graphing Your Town Project Rubric

	X & Y axis labeled & numbered (5pts)
	7 buildings/areas included & labeled (21pts)
	4 points included & labeled (8pts)
	Coordinates for each building/area correctly written on a separate piece of paper (21pts)
	Coordinates for each point correctly written on a separate piece of paper (8pts)
	5 questions about the town/city written on a separate piece of paper and correctly answered (15pts)
	Compass rose included (3pts)
	Town/city named (3pts)
	Color & streets added to blueprint (6pts)
	Finished product is neat and legible (10pts)
	TOTAL SCORE

Coordinate Graphing Your Town Project Rubric

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	TOTAL SCORE

