**Community Walk Journal**

Name(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Community Map**



Accessed from: [https://www.google.ca/maps/@43.7303968,-79.2571601,1952m/data=!3m1!1e3](https://www.google.ca/maps/%4043.7303968%2C-79.2571601%2C1952m/data%3D%213m1%211e3) (March 27,2015. 10:25am)

**MATH CONNECTIONS**

1. What math/ geometry ideas do the roads make based on the maps shown and our community walk? (E.g. What types of shapes and lines do you mostly notice?)

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2. What geometric shape does Robert Service PS’ **property** generally represent? How could you describe the polygon and any angle relationships?

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3. Sketch two **polygons** from the map, including one quadrilateral. Describe their properties, including those based on diagonals.

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\* **Properties** are attributes that remain the same for a class of shapes.

\*\* **Polygons** are a closed shape formed by three or more line segments.

\*\*\* **Diagonals** are line segments that join two vertices of a polygon that are not next to one another.

(Mathematics Curriculum Document: Glossary- Pages 120- 134)

4. Sketch two road **intersections** from the community walk. Describe using geometry ideas and math vocabulary. Think about the street identifier (e.g. Road, Avenue, Place, Drive, Court…).

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5. What geometric shape do you notice in the middle of Gordonridge Place? Why might this choice of shape be made within this community?

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**GEOGRAPHIC CONNECTIONS**

1. How would you describe the area that you explored on your walk? Is it urban/rural, describe the housing and industry, etc.?

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2. What has changed in the community from when it was referred to as Scarborough Junction to now?

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3. What evidence is there that this is/or isn’t a sustainable community? Explain your thinking?

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4. What greening and design ideas might you consider to make the community even better?

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*Assessment AS Learning*

**Achievement Chart:**

Knowledge and Understanding (of math content) 1 2 3 4

Thinking (use of critical and creative thinking) 1 2 3 4

Communication (clarity of ideas/vocabulary) 1 2 3 4

Application (transfer of math knowledge to community context) 1 2 3 4

**Descriptive Feedback:**

Strength: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Next Step: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_