|  |
| --- |
| **Mathematical Environmental Scan: Geotricity 3.0** |
| **Name:** |
| **Learning Goal: We are learning** to demonstrate an understanding of the geometric properties and relationships of triangles, **so that we** can redesign an outdoor green space. |

|  |  |
| --- | --- |
| **Mathematical Connections** | **Location of Scan and Sketch of Triangular Space** |
| Describe the properties of the triangular space. How is your triangle classified (angles and side length)? |
| Find the interior angles of the triangle. |
|
|
| Use the Pythagorean relationship to find the hypotenuse. |
| **Success Criteria:**  **Knowledge and Understanding:** I have demonstrated understanding of concepts (triangle properties, interior angles of triangles and the Pythagorean relationship).  **Thinking:** I used processing skills with considerable effectiveness (collected data, formed conclusions, evaluated the reasonableness of my answers).  **Communication:** I clearly expressed and communicated my thinking (through a sketch, math vocabulary and numbers).  **Application:** I effectively transferred my knowledge from math lessons to the outdoor triangular space.  **Descriptive Feedback:**  **Strength:**  **Next Step:** | |