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| **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. |

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| **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. |
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| 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:** |