

**Topic / theme:** The Egyptians

**Stage:** P5

**Curriculum for Excellence experiences & outcomes:**

Numeracy & Mathematics – Shape, position & movement

- I can draw 2D shapes and make representations of 3D objects using an appropriate range of methods and efficient use of resources (MTH 2-16c)

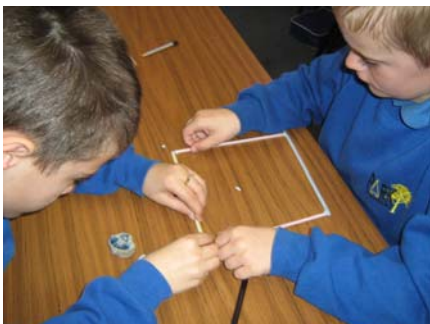
**Resources:**

- Straws, blu-tac & pipe cleaners
- Trundle wheels
- Cones



**Introduction:**

Following discussion of The Egyptian's creation of the pyramids, ask children to use straws, blu-tac and pipe cleaners to create a 3D model of a pyramid. Discuss properties and 2D shapes within the 3D model.



**Main learning:**

Discuss and research the size of the Giza pyramid. Take group outside and try to recreate the footprint of the pyramid. Split into groups and use trundle wheels to measure each side, using a pupil to mark every 40m. Use cones to mark the corners and make sure each side is joined at right angles to the next. Once pyramid footprint is completed, take group on tour around the perimeter – discuss huge scale of this and try to get a sense of the height by comparing with other local landmarks.



**Evaluation and follow-up:**

Use digital photos to record the session.