



# Rope Shapes


Fun, collaborative, challenges in which blindfolded children create 2-D shapes from a length of rope


## Mathematics Activity


Middle Primary

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

 Draw 2-D shapes and make 3-D shapes using modelling materials... **(KS2)**

 Recognise, classify and sketch polygons with up to 8 sides including irregular shapes **(KS2)**

 Construct a range of regular and irregular shapes... **(KS2)**

 Identify and classify 2-D shapes... **(3<sup>rd</sup> and 4<sup>th</sup> classes)**

*This activity would be equally suitable to gauge pupil understanding on beginning a shape topic or as a summative assessment task.*

### Activity

1. 6 (or more) children stand around the rope circle holding it with both hands close together.
2. The rope circle is placed on the ground as an example of a 2-D shape.
3. All but one child around the rope circle puts on a blindfold.
4. The child not wearing a blindfold is the group leader and the only person allowed to give instructions.
5. Challenge the group to create a variety of 2-D shapes from squares to pentagons to isosceles triangles dependent upon their ability.
6. Take photos of the resultant shapes for assessment purposes.

### Equipment

- 1 or more long ropes tied into a circle
- Blindfolds for at least 1 team of 6 children
- A camera.



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call 01962 846 258 or visit  
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