



Maths  
Age 5-7

# Rope shapes

• 2D shape



## Overview

This activity could be a great introduction to the topic of 2D shape or as a revision task. It enables pupils to demonstrate their recognition of a variety of shapes whilst also building interpersonal skills such as communication, leadership and team building.

## Resources

- One or more long ropes tied into a circle
- Blindfolds for at least one team of six pupils
- A camera (optional)

## Activity ideas

1. At least six pupils stand close together holding the rope circle with both hands.
2. All but one pupil around the rope circle puts on a blindfold.
3. The child not wearing a blindfold is the only person allowed to give instructions.
4. Challenge the group to create a variety of 2D shapes from squares to pentagons to isosceles triangles dependent upon their ability.
5. Discuss the features and properties of each shape that is made.

## Suggested outcomes for learning and play

We understand you will tailor this activity to the learning needs of your pupils. Here are some of the learning outcomes and extension ideas that other practitioners have used this lesson idea to reach.

- To represent fractions using visual models
- To partition shapes into different fraction values

Here are some more activity ideas to help bridge the gap between the indoors and the outdoors for your pupils:

Subject area	Topic	Ideas for further exploration
Literacy and language	Instructions	Write instructions for how to create different rope shapes
	Handwriting	Use the same method to practise letter formation
Maths	Shape/angles	Challenge the group to create irregular shapes or different sized angles
Art	Symbols and patterns	Use the same method to create symbols or other artwork



Learning  
through  
Landscapes

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