

Let's Sort Shapes and Objects : Maths : Year 2 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To identify and describe 2-D shapes	In this first lesson, children will recap on the names and properties of some common 2-D shapes. They will understand and use terms such as: sides, corners, regular, irregular, polygon and quadrilateral to help describe and distinguish between different shapes. In their independent activities, children will use their knowledge of 2-D shapes to play a game in pairs. The FSD? activity challenges children to match up descriptions to the correct shapes.	<ul style="list-style-type: none"> Can children name a range of 2-D shapes? Can children identify different 2-D shapes according to descriptions of their properties? Can children use the correct vocabulary to describe the properties of different 2-D shapes? 	<ul style="list-style-type: none"> Slides Spin-a-Shape Game Board A/B/C Spinner A/B/C Coloured pencils What Shape Am I? Cards (FSD? activity only) Photo Sheet
Lesson 2	To identify and describe 3-D shapes	Children will recap on the vocabulary used to describe the properties of 3-D shapes and to differentiate between them. In their independent activities, children will play games where they need to use this vocabulary to describe the properties of 3-D shapes to others, who then try to identify the shape from the description given.	<ul style="list-style-type: none"> Can children name a range of 3-D shapes? Can children identify different 3-D shapes according to descriptions of their properties? Can children use the correct vocabulary to describe the properties of different 3-D shapes? 	<ul style="list-style-type: none"> Slides 3-D Shape Grid A/B Description Card Vocabulary Card Set of 3-D Shapes (optional) Guess the Shape Game Cards (FSD? activity only) Question List (FSD? activity only) Strips of card, sticky back velcro or tape Photo Sheet
Lesson 3	To use reasoning to sort 2-D and 3-D shapes	In this lesson, children will apply their knowledge and understanding of the properties of both 2-D and 3-D shapes in order to identify and sort them. They will learn how to use and create a simple identification key for a set of shapes. They will apply this in their independent activities, where they are given a set of shapes to create an identification key for. In the alternative activity, children will sort shapes into grids according to given labels.	<ul style="list-style-type: none"> Do children choose and use the correct vocabulary when talking about 2-D and 3-D shapes? Can children use a key to identify different shapes? Can children use reasoning to explain their answers to various questions about 2-D and 3-D shapes? 	<ul style="list-style-type: none"> Slides Shape Identification Key (Teaching Input) Shape Cards Set A/B/C Question Cards A3 sheets of paper (optional) 2-D & 3-D Shape Sorting Grids (FSD? activity only)
Lesson 4	To use reasoning skills to compare and discuss 2-D and 3-D shapes	Children will first apply their knowledge and understanding of 2-D and 3-D shapes to compare the similarities and differences between the properties of different shapes. They will then explore and discuss statements about different shapes. In their independent activities, children will sort or write their own statements about different shapes. In the FSD? activity, children decide in groups whether a statement is always, sometimes or never true for the chance to win points.	<ul style="list-style-type: none"> Can children identify the similarities and differences between two shapes? Can children identify whether a statement about a shape is true or false (or sometimes true)? Can children explain their reasoning clearly? 	<ul style="list-style-type: none"> Slides True or False? Cards 2-D and 3-D Shape Sheets Shape Cards Shape Statements Sheet (FSD? activity only) Decision Cards (FSD? activity only) Photo Sheet
Lesson 5	To explore 3-D shapes in real-life objects	In this final lesson, children will apply their knowledge to identifying 3-D shapes in real-life objects. They will be encouraged to give reasons for their answers and use the correct shape vocabulary. In their independent activities, children will discuss, sort and label real-life objects according to what 3-D shapes they are similar to. In the alternative activity, children will be challenged to list as many real-life objects as they can which are similar to given 3-D shapes.	<ul style="list-style-type: none"> Can children recognise 3-D shapes in real-life objects? Can children use the correct shape vocabulary to describe what they see? Can children give their own examples of 3-D shapes in real-life objects? 	<ul style="list-style-type: none"> Slides Object Cards Set A/B Sorting Sheet Label Cards 3-D Shaped Objects Sheets (FSD? activity only) Photo Sheet