

Let's identify 3-D shapes: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To recognise and name common 3-D shapes.	Children to recognise and describe the differences between 2-D and 3-D shapes. They shall discuss how many sides different 3-D shapes have as well as learn the correct names and spellings of the 3-D shapes.	<ul style="list-style-type: none"> • Can children identify 2-D/3-D shapes in a mixed set of shapes? • Can children identify the square faces of cubes? • Can children start to distinguish between cubes and other long/tall cuboids? 	<ul style="list-style-type: none"> • Slides • Photo Sheet • A selection of small cardboard boxes • Feely bag & 3-D shapes, paint, brushes, pots etc. • Jelly, small containers for moulds • Cube/Cuboid Cards 1A • Cube/Cuboid Spinner
Lesson 2	To recognise and name common 3-D shapes.	Children to match the labels to the shapes. They shall be making, naming and recognising 3-D shapes.	<ul style="list-style-type: none"> • Can children identify 2-D/3-D shapes in a mixed set of shapes? • Can children identify the square faces of cubes? • Can children start to distinguish between cubes and other long/tall cuboids? 	<ul style="list-style-type: none"> • Slides • Photo Sheet • A selection of small cardboard boxes • Feely bag & 3-D shapes, paint, brushes, pots etc. • Jelly, small containers for moulds • Cube/cuboid Cards 2A • Cube/Cuboid Spinner
Lesson 3	To recognise and name common 3-D shapes.	Children to learn the names and describe the appearance of cones and cylinders. They shall be challenged to recognise them in their environment.	<ul style="list-style-type: none"> • Can children say and read the words 'cone' and 'cylinder'? • Can children explain some ways in which cones and cylinders are similar and different? • Are children beginning to learn how to write mathematical vocabulary: 'cylinder', 'cone'? 	<ul style="list-style-type: none"> • Slides • Photo Sheet • 3-D shapes/wooden toy blocks • Sorting rings • Cylinder Printing 3A, cardboard tubes and paint • Cylinder Cards 3A • Cone Hat 3A
Lesson 4	To recognise and name common 3-D shapes.	Children to recognise and describe the differences and similarities between cones and cylinders. They shall match the names to the shapes as well as identify cones or cylinders in pictures.	<ul style="list-style-type: none"> • Can children say and read the words 'cone' and 'cylinder'? • Can children explain some ways in which cones and cylinders are similar and different? • Are children beginning to learn how to write mathematical vocabulary: 'cylinder', 'cone'? 	<ul style="list-style-type: none"> • Slides • Photo Sheet • 3-D shapes/wooden toy blocks • Sorting rings • Cylinder Printing 4A, cardboard tubes and paint • Cylinder Cards 4A • Cone Hat 4A
Lesson 5	To recognise and name common 3-D shapes.	Children challenged to identify the partially obscured shapes. They will learn the name for the 3-D shape 'sphere' and recognise them in their environment.	<ul style="list-style-type: none"> • Can children match names to common 3-D shapes and vice-versa? • Can children find common objects that are cubes, cuboids, cylinders, cones and spheres? • Can children describe some differences between common 3-D shapes? 	<ul style="list-style-type: none"> • Slides • Photo Sheet • A range of spherical objects • Shape Spinner • A feely bag/3-D shapes • Worksheet 5A • 3-D Shape Pairs Cards and 3-D Shape fans