

What is a half? : Maths : Year 1

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To introduce the concept of a half.	Children will be introduced to the concept of a half. They will use mathematical language to talk about what food looks like when it has been halved. They will be introduced to the fraction $\frac{1}{2}$ and begin to understand what the numbers in the fraction represent.	<ul style="list-style-type: none"> Do children understand the language of 'half' and 'whole'? Do children understand the notation of '$\frac{1}{2}$'? Can children cut an object in half? 	<ul style="list-style-type: none"> Slides Character Cards 1A Fruit Cards 1A Vegetable Cards 1A Food Cards 1A Sandwich Instructions (FSD...? activity only) Bread, knives Photo Sheet
Lesson 2	To use the language of a half and a whole.	Children will use the language of a half when describing how different shapes have been divided. They will either sort shapes into groups of 'half', 'not half' or they will create artwork by printing with halved objects.	<ul style="list-style-type: none"> Do children use the language of a half and a whole? Can children cut a shape in half? Can children identify halves? 	<ul style="list-style-type: none"> Slides Sorting hoops Title Cards Picture Cards A/B/C Fruit and vegetables halved (FSD...? activity only) Paint and paper (FSD...? activity only) Photo Sheet
Lesson 3	To introduce the concept of a quarter.	Children will be introduced to the concept of a quarter. They will fold shapes in half and half again and notice the number of equal sections the shape has been divided into. They will begin to understand what the fraction ' $\frac{1}{4}$ ' means.	<ul style="list-style-type: none"> Do children understand the language of a quarter? Can children split an object or shape into quarters? Do children understand the notation of '$\frac{1}{4}$'? 	<ul style="list-style-type: none"> Slides Worksheets 3A/3B/3C Colouring pencils Shape Sheet A/B (FSD...? activity only) Mini whiteboards (Plenary only) Photo Sheet
Lesson 4	To use the language of whole, half and quarter.	Children will use the language of whole, half and quarter as they sort and describe shapes and pictures. They will be encouraged to think about what two quarters of a shape is the same as. The children will reinforce their understanding of quarters when they complete picture puzzles and develop their problem-solving skills. Alternatively they will sort whole, halved and quartered pictures of food.	<ul style="list-style-type: none"> Do children understand the language of quarter, half and whole? Can children explain the fractions '$\frac{1}{2}$' and a '$\frac{1}{4}$' using mathematical language? Can children explain their working? 	<ul style="list-style-type: none"> Slides Puzzles A/B/C/D Worksheet 4A/4B Worksheet 4C (FSD...? activity only) Food Sheet A (FSD...? activity only) Sorting hoops (FSD...? activity only) Photo Sheet
Lesson 5	To become confident using and naming wholes, halves and quarters.	Children will put into practice their understanding of wholes, halves and quarters as they follow instructions to make a fruit salad. They will have the opportunity to complete different characters' meals or write instructions for meals of their choice.	<ul style="list-style-type: none"> Can children explain wholes, halves and quarters using mathematical language? Do children understand the fractions '$\frac{1}{2}$' and '$\frac{1}{4}$'? Can children follow instructions? 	<ul style="list-style-type: none"> Slides Mini whiteboards (MOS only) Fruit, knives, chopping boards, bowls (Input only) Character Cards A/B/C Food Cards (FSD...? activity only) Instruction Cards (FSD...? activity only) Photo Sheet