

Let's halve and quarter: Maths: Year 1 : Summer Term, Week 3

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To find halves of shapes and of countable sets of objects.	Children will learn about halving shapes and objects by drawing dividing lines and halving countable sets of objects by sharing into two groups. They may then either practise these skills or build upon them by tracing 2-D shapes and folding to find half.	<ul style="list-style-type: none"> Can children identify correct/incorrect dividing lines showing shapes, halved? Can children draw halfway dividing lines/marks on shapes and objects? Can children divide quantities of objects into halves? 	<ul style="list-style-type: none"> Slides Challenge Cards 1 Worksheets 1A/1B/1C Halving Challenge 1 Tracing paper, and counters or cubes
Lesson 2	To find halves of quantities.	Children will progress from simple 'one for me, one for you' sharing to halve sets of objects, to using a variety of strategies for halving more quickly and efficiently. They will practise these skills either by halving sets of objects and 'pourable' solids or liquids, or by halving items in a 'half-price sale'.	<ul style="list-style-type: none"> Can children use sharing to halve countable sets of objects? Can children use balance scales to measure and halve 'pourable' solids (e.g. rice)? Can children use containers to halve liquids? 	<ul style="list-style-type: none"> Slides Teacher's Notes and accompanying printable resources Balance scales, sand, rice, pasta, marbles etc. Jugs, plastic cups etc. Worksheets 2A/2B Price Tags 2 (FSD...? activity only)
Lesson 3	To find quarters of countable sets of objects.	Children will develop quick, efficient methods for finding half and a quarter of sets of objects by making arrays of Maths cubes or counters. They will then practise these methods by solving halving and quartering questions and problems.	<ul style="list-style-type: none"> Can children identify shapes that have been quartered, and explain their reasoning? Can children suggest methods for quartering countable sets of objects? Can children use a quick 'halve, then halve again' method for quartering? 	<ul style="list-style-type: none"> Slides Quartering Flash Cards Worksheets 3A/3B Party Bag Challenge 3 (FSD...? activity only) Party Bag Worksheet 3 (FSD...? activity only)
Lesson 4	To find quarters of quantities.	Children will develop and improve methods for finding quarters of amounts using Maths resources such as cubes or counters. They may then either practise these methods, or explore ways of finding a quarter of a 'pourable' solid such as rice or sand.	<ul style="list-style-type: none"> Can children use efficient methods for quartering sets of objects accurately? Can children use countable sets of resources to find quarters of units of measure? Can some children write quarters of an amount using the correct symbol/abbreviation for the given unit of measure? 	<ul style="list-style-type: none"> Slides Worksheets 4A/4B Photo/Sketch Sheet (FSD...? activity only) Maths cubes or counters, balances scales, rice
Lesson 5	To combine quarters and halves of shapes, objects and quantities.	Children will practise and consolidate the skills and knowledge gained during previous lessons, either by finding halves and quarters of sets of objects and various quantities (in a quiz), or by solving simple halving and quartering word problems using Maths cubes or counters to help.	<ul style="list-style-type: none"> Can children identify quarters, halves and three quarters of shapes? Can children find quarters, halves and three quarters of sets of objects? Can some children remember some quarters and halves of amounts less than 20? 	<ul style="list-style-type: none"> Slides (includes the Big Halves and Quarters quiz) Big Quiz sheet Finding Quarters sheet (FSD...? activity only) Finding Quarters cards (FSD...? activity only) Counters or cubes