

# Can we find fractions of numbers? : Maths : Year 2 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To be able to recognise, find and name fractions.	Children will identify what fractions are at the start of this lesson. They will then go on to explore which visual representation out of a choice of three represents a written fraction. In their independent learning, children will undertake a variety of challenges to refresh their knowledge and understanding of fractions.	<ul style="list-style-type: none"> <li>• Can children recognise fractions?</li> <li>• Can children find fractions of numbers, shapes and objects?</li> <li>• Can children identify and name fractions?</li> </ul>	Slides Counters, cubes or similar Yellow Challenge Cards Blue Challenge Cards Green Challenge Cards Fair Farmers 1A/1B (FSD? activity only) Sharing Cards 1A/1B (FSD? activity only) Animal Stock Sheets 1A/1B (FSD? activity only)
<b>Lesson 2</b>	To be able to write fractions.	Children will explore how to write fractions to reflect a visual representation of a fraction. Children will be shown how to work out what fraction of a set of objects is shaded when there are e.g. three circled and nine not circled, using manipulatives to support them if necessary.	<ul style="list-style-type: none"> <li>• Can children recognise fractions of shapes and objects?</li> <li>• Do children understand what the numerator and denominator represent in a fraction?</li> <li>• Can children write fractions accurately?</li> </ul>	Slides Shape Cards Picture Cards 2A Worksheet 2A/2B Example Card Question Cards 2A/2B (FSD? activity only)
<b>Lesson 3</b>	To be able to find fractions of numbers.	Children will explore how to find fractions of numbers, learning how to solve fraction number sentences, e.g. $\frac{1}{3}$ of 18 = ? Children will be shown some different strategies for how to solve problems such as these. In their independent learning, they can play a fun board game to help practise this process.	<ul style="list-style-type: none"> <li>• Can children understand what a fraction calculation is asking them to solve?</li> <li>• Can children solve a fraction calculation with the support of manipulatives?</li> <li>• Can children solve some simple fraction calculations mentally?</li> </ul>	Slides Cubes, counters or similar Game Board 3A/3B/3C Game Sheet 3A/3B/3C Fraction Cards 3A/3B (FSD? activity only) Worksheet 3A/3B
<b>Lesson 4</b>	To be able to solve fraction problems in context.	In this lesson, children will consolidate what they have learnt so far about fractions to solve a variety of word problems. The slides go through several examples together before challenging children to solve problems independently.	<ul style="list-style-type: none"> <li>• Do children understand what a word problem is asking them to find out?</li> <li>• Can children use their understanding of fractions to solve simple word problems?</li> <li>• Can children use reasoning to explain their answers to fraction problems?</li> </ul>	Slides Worksheet 4A/4B/4C/4D Picture Cards (FSD? activity only)
<b>Lesson 5</b>	To be able to count in steps of one half and one quarter.	This lesson starts by teaching children to identify the equivalence between one half and two quarters. They then go on to look at how numbers can be split into fractions. They will explore number lines where numbers are split into halves and quarters, then look at how to find the difference between two fractions, counting up and down on the number line as they do so.	<ul style="list-style-type: none"> <li>• Do children know that <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math> are equivalent fractions?</li> <li>• Can children count in steps of a quarter and a half?</li> <li>• Do children know that fractions can add up to more than one?</li> </ul>	Slides Fraction Cards Number Line 5A/5B/5C/5D Number Cards 5A/5B Game Cards (FSD? activity only) Game Board (FSD? activity only)