

# Finding Fractions: Maths : Year 3 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To be able to identify, record and count in tenths	In this first lesson, children will recap on what a fraction is, before focusing specifically on tenths. They will learn how to write and represent them in pictorial form, and practise counting on and back in tenths. In their independent activities, children will identify and record tenths in a variety of different ways. In the alternate activity, children will practise their recognition of tenths in different forms by playing tenths dominoes.	<ul style="list-style-type: none"> <li>Do children understand that a fraction is part of a whole?</li> <li>Can children count on and back in tenths?</li> <li>Can children identify and shade in or circle amounts of tenths in a shape or set of objects?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 1A/1B/1C</li> <li>Dice</li> <li>Tenths Dominoes Cards (FSD? activity only)</li> <li>Instructions Cards (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To know how to find fractions of quantities	Children will be reminded of what each number in a fraction represents. They will recap on how to identify and write a fraction of a set or shape. Children will then learn how to find a fraction of a set or shape where the total amount of objects or parts is a multiple of the denominator. In their independent activities, children will apply this knowledge and understanding to find fractions of various quantities.	<ul style="list-style-type: none"> <li>Can children explain what the numerator and denominator represent in a fraction?</li> <li>Can children identify what fraction has been circled or shaded in a set of objects or shape?</li> <li>Can children find a unit fraction of a set of objects or shape?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 2A/2B/2C</li> <li>Colour Me In! Challenge Cards (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To recognise simple equivalent fractions	In this lesson, children will learn about equivalent fractions. They will use fraction walls to understand and recognise different equivalent fractions. In their independent activities, children will use fraction walls to identify and match up equivalent fractions. Alternatively, children can play a game of Snap! which will help them to develop their recognition of equivalent fractions in both numerical and pictorial form.	<ul style="list-style-type: none"> <li>Can children explain what the word 'equivalent' means?</li> <li>Can children identify simple equivalent fractions?</li> <li>Can children explain why two particular fractions are equivalent, or not equivalent?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Fraction Walls Sheet</li> <li>Worksheet 3A/3B/3C</li> <li>Snap! Cards (FSD? activity only)</li> <li>Snap! Instructions (FSD? activity only)</li> </ul>
<b>Lesson 4</b>	To know how to compare and order fractions	Children will learn how to compare two fractions using the fraction wall, by stating whether one is smaller than or bigger than the other, or whether they are equal in value. They will use this knowledge to then order different sets of fractions. Children will practise this skill in their independent work. Alternatively, as a whole class activity, children will each be given a unique fraction card which they compare with other children's cards.	<ul style="list-style-type: none"> <li>Can children compare two fractions?</li> <li>Can children order a given set of fractions?</li> <li>Can children explain their reasoning?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 4A/4B/4C</li> <li>Fraction Walls Sheet</li> <li>Fraction Cards (FSD? activity only)</li> <li>Pair and Compare Sheet (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To solve problems involving fractions	In this final lesson, children will identify and solve a variety of different problems using their knowledge and understanding of equivalent fractions, comparing and ordering fractions, and finding fractions of amounts. Children will also learn how to find non-unit fractions of amounts.	<ul style="list-style-type: none"> <li>Can children recognise what the question is asking them to do?</li> <li>Can children explain how they arrived at their answers?</li> <li>Can children apply their knowledge and understanding in order to solve a range of fraction problems independently?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Sorting Sheet</li> <li>Solving Problems Worksheet</li> <li>Problem Cards A/B/C</li> <li>Fraction Walls Sheet</li> <li>Fractions in Action Game Board A/B (FSD? activity only)</li> <li>Fractions in Action Game Cards A/B (FSD? activity only)</li> <li>Blu-Tack, dice, counters</li> </ul>