

Fractions and Proportion : Maths : Year 5 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to identify equivalent fractions, represented visually.	Children will identify exactly what a fraction is before using diagrams and fraction walls to help them identify equivalent fractions. Children will use the < > and = signs to make fraction statements correct.	<ul style="list-style-type: none"> Do children know what equivalent fractions are? Can children identify equivalent fractions that are represented visually? Can children match pairs of equivalent fractions? 	<ul style="list-style-type: none"> Slides Matching Cards Fraction Sorting Cards 1A/1B Worksheet 1A 'Would you rather?' Cards (FSD? activity only) Fraction Wall (FSD? activity only)
Lesson 2	To be able to recognise and identify equivalent fractions.	Children will start to identify that looking at the relationship between denominators in fractions is useful to help find equivalent fractions. They will learn how to apply the same operation to the numerator as the denominator to identify equivalent fractions without the need for visual representations.	<ul style="list-style-type: none"> Can children identify equivalent fractions that are represented visually? Do children know that to find equivalent fractions you need to multiply the numerator and denominator by the same number? Can children find pairs of equivalent fractions without visual representations? 	<ul style="list-style-type: none"> Slides Worksheet 2A/2B/2C Fraction Cards (FSD? activity only)
Lesson 3	To be able to convert improper fractions into mixed numbers.	Children will identify what improper and mixed number fractions are before learning how to convert improper fraction to mixed number fractions, and vice versa.	<ul style="list-style-type: none"> Can children change simple improper fractions into mixed number fractions? Can children change more challenging improper fractions into mixed number fractions? Can children convert mixed number fractions into improper fractions? 	<ul style="list-style-type: none"> Slides Worksheet 3A Domino Cards 3A/3B
Lesson 4	To be able to add and subtract fractions with a common denominator.	Children will learn how to add and subtract fractions with a common denominator, converting the answer to a mixed number fraction if necessary. They will then move on to adding mixed number fractions, converting to improper fractions to make them easier to add or subtract.	<ul style="list-style-type: none"> Can children add fractions with a common denominator? Can children subtract fractions with a common denominator? Can children express answers as improper fractions and mixed number fractions? 	<ul style="list-style-type: none"> Slides Worksheet 4A/4B/4C Challenge Cards 4A/4B (FSD? activity only) Spinner (FSD? activity only)
Lesson 5	To be able to order proper, improper and mixed number fractions.	Children will learn how to order proper, improper and mixed number fractions. They will think about the best way to convert fractions to make them easier to order, and use the <, > and = signs to express the value of fractions.	<ul style="list-style-type: none"> Can children order fractions that all have the same denominator? Can children convert fractions so that they have a common denominator? Can children use the <, > and = symbols to express the value of fractions? 	<ul style="list-style-type: none"> Slides Worksheet 5A/5B/5C Fraction Wall True or False Cards 5A/5B (FSD? activity only)