Fractions in Action : Maths : Year 3 : Summer Term

PlanBee

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to identify, record and calculate eighths.	Children will explore what eighths are and how they relate to halves and quarters. They will learn the terms 'numerator' and 'denominator' and start thinking about how fractions with the same denominator can be added and subtracted. They will identify what fraction of a shape is shaded, and shade shapes to reflect a given fraction.	• Can the children shade in eighths on shapes? • Can the children record eighths? • Can they add and subtract in eighths?	• Slides • Worksheet 1A/1B/1C • Fraction Cards (FSD? activity only)
Lesson 2	To be able to compare halves, quarters and eighths and recognise simple equivalences.	Children will learn what equivalent fractions are and start to identify equivalences between halves, quarters, eighths and sixteenths. Children will use fraction walls to support their learning. They will also recap how to add fractions with a common denominator and compare fractions with different denominators.	• Can the children recognise simple fractions? • Can the children recognise simple equivalent fractions? • Can the children add simple fractions?	• Slides • Worksheet 2A/2B/2C • Fractions Cards (FSD? activity only) • Fraction Wall (FSD? activity only)
Lesson 3	To be able to identify and order fractions and simple equivalences.	Children will use their knowledge of fractions and their equivalents to compare and order fractions. They will place fractions on a number to show their value and will think about ways fractions are used in everyday life.	• Can the children recognise simple fractions? • Can the children recognise simple equivalent fractions? • Can the children order fractions?	• Slides • Worksheet 3A/3B/3C • Fraction Bingo sheets (FSD? activity only)
Lesson 4	To be able to solve problems involving fractions.	Children will use their knowledge of fractions to solve a variety of problems, including finding fractions of numbers and objects, ordering fractions and answering true or false questions.	• Can the children recognise equivalent fractions? • Can the children order fractions? • Can the children solve simple fraction problems?	• Slides • Worksheet 4A/4B/4C/4D • Domino Cards A/B (FSD? activity only)
Lesson 5	To be able to add and subtract fractions with a common denominator.	Children will learn how to add and subtract fractions with the same denominator. They will learn how to convert an improper fraction into a mixed number fraction and vice versa in order to make addition and subtraction calculations easier to solve. They can also convert an addition or subtraction calculation using their knowledge of equivalent fractions.	• Can the children order fractions? • Can the children solve simple fraction problems? • Can the children add and subtract simple fractions?	• Slides • Worksheet 5A/5B/5C/5D • Question Cards (FSD? activity only)

NB: 'FSD? Activity only' refers to the alternative 'Fancy Something Different...?' activity within the lesson plan