Choosing Methods: Maths: Year 6: Autumn Term

PlanBee

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To practise column methods for addition and subtraction.	Children will recap methods for column addition and subtraction, then practise these methods by solving missing number problems or by randomly generating numbers to add/subtract.`	• Can children add using a column method? • Can children subtract using a column method? • Can children add and subtract decimals using a column method?	• Slides • Problem Cards A/B/C • Target Sheet A/B/C (FSD? activity only) • Spinner A/B/C (FSD? activity only)
Lesson 2	To be able to choose a method for solving addition and subtraction problems, including mental methods.	Children will read addition and subtraction word problems then decide on the most appropriate methods for solving them.	• Can children add or subtract numbers mentally? • Can children add or subtract numbers using the column method? • Can children choose an appropriate method for solving addition and subtraction problems?	• Slides • Thinking of a Number Cards A/B/C • Number Cards A/B/C • Problem Cards A/B/C (FSD? activity only)
Lesson 3	To practise different multiplication and division methods.	Children will recap methods for multiplication (the grid method, an expanded method and a formal method) and division (an ad hoc 'chunking' method and the short division method), then play games where they must apply these methods.	• Can children multiply using the short and long multiplication methods? • Can children divide using the short division methods? • Can children think of their own multiplication and division questions?	• Slides • Wheel Sheet A/B/C • Worksheet 3A • Famous People Cards A/B (FSD? activity only)
Lesson 4	To be able to choose a method for solving multiplication and division problems, including mental methods.	Children will read word problems and decide whether multiplication or division is required to solve them. They will also find missing numbers in given calculations, and identify mistakes in given calculations.	• Can children multiply or divide numbers mentally? • Can children multiply or divide numbers using formal methods? • Can children choose an appropriate method for solving multiplication and division problems?	• Slides • Problem Cards A/B/C • Worksheet 4A • Missing Number Cards A/B/C (FSD? activity only)
Lesson 5	To be able to solve problems involving addition, subtraction, multiplication and division.	Children will solve a number of problems around a theme, where they must use appropriate addition, subtraction, multiplication and division methods of their choosing.	• Can children choose an appropriate method for solving a problem? • Can children check their answers accurately? • Can children explain their workings?	• Slides • Worksheet 5A/5B/5C • Number Cards A/B (FSD? activity only)

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