

Let's solve missing number problems : Maths : Year 1 : Spring Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To solve addition and subtraction problems.	Children will be reminded what addition and subtraction is in this lesson and will practise adding and subtracting groups of objects. They will be able to match pictorial representations of addition and subtraction number sentences to written representations. They will understand you can use different words to explain addition and subtraction.	<ul style="list-style-type: none"> Can children solve addition statements? Can children solve subtraction statements? Can children write number statements from given concrete and pictorial representations? 	<ul style="list-style-type: none"> Slides What's my Number Cards Whiteboards and pens Picture Cards A/B Number Sentence Cards Mixed Questions Photo Sheet Four in a Row Game (for FSD? activity only) Dice and counters (for FSD? activity only)
Lesson 2	To find out how many more objects are needed to make a total.	Children will use pictorial representations to find out how many more objects are needed to make a given total. They will explore how to count up from one number to get to a total. They will use counters and concrete materials to solve missing number sentences.	<ul style="list-style-type: none"> Can children add objects to make a total? Can children find a missing value in a number sentences? Do children know "how many more" means addition? 	<ul style="list-style-type: none"> Slides Spinner game A/B/C Counters and dice Dot Cards Story Cards Photo Sheet Counter Drop Game (for FSD? activity only)
Lesson 3	To use number lines to find out how many more are needed to make a total.	Children will continue to find out how many more is needed to make a total using number lines instead of counters. They will learn how to count on to make a total using 'jumps' on number lines. They will use number lines to help them solve addition questions with missing numbers.	<ul style="list-style-type: none"> Can children use number lines to add? Can children find missing numbers to make a number sentence correct? Do children understand that "how many more" means to count up or add? 	<ul style="list-style-type: none"> Slides Number Line Cards Worksheet 3A/3B Number Lines (laminated) Photo Sheet Roll and Race Game (for FSD? activity only) Recording Sheet (for FSD? activity only) Dice and counters (for FSD? activity only)
Lesson 4	To find the difference between two groups of objects.	Children will begin to understand how to find the difference between two groups of objects. Using pictorial rows of objects, they will be able to see the difference between two groups and explain how they are different. Children will use the 'count up' method to find the difference between two groups of objects.	<ul style="list-style-type: none"> Do children understand what to do when asked to find the difference between numbers? Can children use addition to find missing numbers? Do children understand that the difference between two numbers involves counting up? 	<ul style="list-style-type: none"> Slides Number lines Multilink cubes Tower Cards Matching Game Story Cards Photo Sheet What's the Difference Game (for FSD? activity only) Game Cards (for FSD? activity only) Counters (for FSD? activity only)
Lesson 5	To solve mixed missing number sentences.	Children will practise the new skills learnt in this scheme of work and will solve addition and subtraction sentences with missing numbers. They will solve number sentences with an equals sign at the beginning of the statement and will understand that both sides of the equals sign are the same even if the numbers are in a different position.	<ul style="list-style-type: none"> Can children use addition and subtraction to solve missing number problems? Do children understand that problems are the same even if numbers move spots? Do children understand how to solve a problem with the equals at the front? 	<ul style="list-style-type: none"> Slides Bingo Game Cards (laminated) Number lines Whiteboard, whiteboard pens and rubbers What's Missing Cards Same As Cards Worksheet 5A Photo Sheet Crack the Code Game (for FSD? activity only)