

Can we link addition and subtraction?: Maths : Year 2 : Spring Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To recall and use addition and subtraction facts to twenty.	Children to recognise and discuss numbers, sharing facts they know about them. Then they will solve missing number sentences to earn pieces of their rocket and find the launch code.	<ul style="list-style-type: none"> Do children know addition facts to 20? Do children know subtraction facts to 20? Can children use number facts to solve problems? 	<ul style="list-style-type: none"> Slides Rocket Parts Worksheet 1A/1B/1C Photo Sheet
Lesson 2	To use the inverse to prove and check answers.	Children to complete inversion loops by finding missing numbers. Your class will be challenged to fly to and return back from planets as they travel around space. Alternatively they will organise number sentences into fact families.	<ul style="list-style-type: none"> Can children use the inverse to check answers? Do children understand how addition and subtraction are linked? Can children explain their methods? 	<ul style="list-style-type: none"> Slides Inversion Loops A/B/C Number Cards A/B (FSD...? activity only) Photo Sheet
Lesson 3	To derive addition and subtraction facts up to 100.	Children to practise using a hundred square to solve problems. Your class will be challenged to listen to information and write it in a number sentence, before solving it using a hundred square. They will think about the Part Part Whole method when deciding how the problem could be written in number sentences.	<ul style="list-style-type: none"> Can children use addition and subtraction to solve problems? Can children link addition and subtraction? Can children confidently use different methods to solve problems? 	<ul style="list-style-type: none"> Slides Hundred Squares Question Cards A/B/C Part Part Whole Cards A/B (FSD...? activity only) Blank Number Lines (FSD...? activity only) Photo Sheet Dienes blocks, paper, light coloured pens
Lesson 4	To use the rounding and adjustment method when adding and subtracting.	Children to understand and use the adjustment method when adding or subtracting. They will be challenged to solve problems by rounding to the nearest ten and then adjusting.	<ul style="list-style-type: none"> Do children understand how to round numbers? Can children use a number line to solve problems by adjustment? Can children link addition and subtraction? 	<ul style="list-style-type: none"> Slides Worksheet 4A/4B/4C Number Cards A/B (FSD...? activity only) Spinner A/B (FSD...? activity only) Rockets (FSD...? activity only) Photo Sheet
Lesson 5	To solve addition and subtraction problems.	Children to use and apply a variety of methods to solve addition and subtraction word problems. They will be given different word problems and be challenged to select the appropriate information and record it as a number sentence before solving it using a method of their choice.	<ul style="list-style-type: none"> Can children solve word problems? Can children link addition and subtraction? Can children check their answers? 	<ul style="list-style-type: none"> Slides Problem Cards A/B/C Challenge Posters (FSD...? activity only) Code Breaker Card (FSD...? activity only) Photo Sheet