

Summer Term

Lesson 1:	Week 8
Title	Counting and Properties of Numbers
Learning Objective:	<ul style="list-style-type: none"> ● solve mathematical problems ● explain how a problem was solved ● understand and use the correct words to describe how a problem was solved.
Mental Warm Up:	Answer questions about numbers
Main Lesson Idea up:	Today we are going to be thinking of different problems, questions or calculations that all have the same answer.
Educational Challenges	<ul style="list-style-type: none"> ● Work in pairs on ‘The answer is 20. What is the question?’ ● Make a poster for ‘The answer is 10. What is the question?’ ● Work in pairs on ‘The answer is 20. What is the question?’ Repeat for different numbers.

Lesson 2:	Week 8
Title	Counting and Properties of Numbers
Learning Objective:	<ul style="list-style-type: none"> ● solve mathematical problems or puzzles ● explain how a problem was solved ● count on in steps of 1.
Mental Warm Up:	‘What’s my number operation?’
Main Lesson Idea:	Today we are going to find the number we need to reach a total.
Educational Challenges	<ul style="list-style-type: none"> ● Pick a number card 1–5. What number do you need to add to it to make a total of 12? ● Find numbers to make totals of 12, 15 and 18. ● Find numbers to make totals of 12, 15 and 18.

Lesson 3:	Week 8
Title	Counting and Properties of Numbers ^[P] _[SEP]
Learning Objective:	<ul style="list-style-type: none"> ● solve problems ● explain how a problem was solved ● count on in steps of 1.
Mental Warm Up:	Choose a number. Say something about it.
Main Lesson Idea:	Today we are going to continue to find unknowns.
Educational Challenges	<ul style="list-style-type: none"> ● Complete magic squares. Explain your methods. ● Find three numbers that total 12. Try different combinations. ● Complete magic squares.

Lesson 4:	Week 8
Title	Counting and Properties of Numbers
Learning Objective:	<ul style="list-style-type: none"> ● solve mathematical problems ● explain how a problem was solved ● use symbols for unknown numbers ● write number sentences.
Mental Warm Up:	Doubling
Main Lesson Idea:	Today we are going to use what we know about numbers and addition to work out what different shapes are worth.
Educational Challenges	<ul style="list-style-type: none"> ● Solve similar problems using shapes as symbols. ● Make up some 'double' symbol number sentences of your own. Ask a classmate to solve them.

Lesson 5:	Week 8
Title	Counting and Properties of Numbers
Learning Objective:	<ul style="list-style-type: none"> ● solve mathematical problems ● explain how a question was answered ● complete number sentences.
Mental Warm Up:	Bingo
Main Lesson Idea:	Today we are going to continue to find how much a shape in an addition problem is worth.
Educational Challenges	<ul style="list-style-type: none"> ● Solve a number sentence using a shape symbol. ● Work out the value of shapes in number puzzles. ● Make up your own puzzle for a classmate to complete.