

Spring Term

Lesson 1:	Week 1
Title	Number Sequences
Learning Objective:	<ul style="list-style-type: none"> ● count on and back in steps of 10 ● describe and continue a sequence ● make up a number pattern.
Mental Warm Up:	Today you are going to complete a mapping diagram with a '+10' rule.
Main Lesson Idea:	Today we are going to be looking at sequences of numbers that have been made by counting on or back in steps of 10 or 1.
Educational Challenges	<ul style="list-style-type: none"> ● Use cubes or beads in two colours to make a number sequence. Use the '+10' or '-10' rule. ● Make a pattern using cubes or beads in two colours. Use the '+10' or '-10' rule. ● Think of a way to show a sequence that has got hundreds in it.

Lesson 2:	Week 1
Title	Counting and Properties of Numbers <small>SEP</small>
Learning Objective:	<ul style="list-style-type: none"> ● count on and back in steps ● describe a number pattern ● continue a number pattern ● make predictions.
Mental Warm Up:	Start from the start number. Count back in steps of ten when I clap my hands.
Main Lesson Idea:	Today we are going to count on in steps of different sizes using some grids.
Educational Challenges	<ul style="list-style-type: none"> ● Shade the first number on a 4 x 4 grid and count on in fours. Do the same for a 5 x 5 grid and a 6 x 6 grid. Does the pattern look the same? ● Count on in steps of 4 on different-sized grids. Explain the pattern. ● Count on in steps of 4 on different-sized grids. Predict the pattern.

Lesson 3:	Week 1
Title	Number Sequences
Learning Objective:	<ul style="list-style-type: none"> ● count on or back in steps ● describe number patterns ● continue number patterns ● make predictions.
Mental Warm Up:	Sit in a circle. Collect a card between 0 and 30. Stand up if you have number cards 1, 4, 7 and 10. What is the next number? Stand up if you have the number.
Main Lesson Idea:	Today we are going to look at some number patterns and work out the rule.
Educational Challenges	<ul style="list-style-type: none"> ● Work out the rule for shaded grid patterns. Write the number sequences. ● Work out the rule for shaded grid patterns. Write the number sequences. ● Work out the rule for shaded grid patterns. Make up a pattern for a friend using a two-step rule.