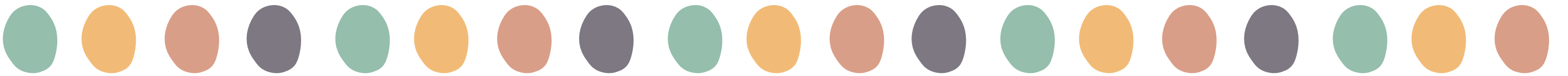


Y2- Overview

	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1				Summer 2		
Unit	1	2	3	4	5		6	7	8	9	10	11	12	13	14

	Number and place value
	Number facts
	Addition and subtraction
	Multiplication and division
	Fractions
	Geometry
	Other

summer 1	DOUBLING, HALVING, QUOTATIVE AND PARTITIVE DIVISION (3 WEEKS)
Ready to progress	
NCETM documents	START FROM TEACHING POINT 4 https://www.ncetm.org.uk/media/2xypudw2/ncetm_spine2_segment05_y2.pdf#page=44
Small steps	- To identify the patterns and relationships between the 5 and 10 times tables. - To explain the patterns and relationships between the 5 and 10 times tables. - To use knowledge of the 5 and 10 times tables to solve problems. - To explain how 10 times table facts can help to find the number of groups or the number in each group. - To explain how 5 times table facts can help to find the number of groups or the number in each group. - To explain how 2 times table facts can help to find the number of groups or the number in each group. - To explain how a division equation with 2 as a divisor is related to halving. - To explain each part of a division equation and know how they can be interchanged. - To use knowledge of divisibility rules when the divisor is 2 to solve problems. - To use knowledge of divisibility rules when the divisor is 10 to solve problems. - To use knowledge of divisibility rules when the divisor is 5 to solve problems. - To explain how a dividend of zero affects the quotient. - To explain how the quotient is affected when the divisor is equal to the dividend. - To explain how a divisor of one affects the quotient. - To use knowledge of division strategies to solve problems.
Links	NCETM- https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.ncetm.org.uk%2Fmedia%2Fz4lgnthi%2Fcp-year-2-unit-13-multiplication-and-division-doubling-halving-quotitive-and-partitive-division.pptx&wdOrigin=BROWSELINK OAK https://www.thenationalacademy/teachers/programmes/maths-primary-ks1/units/doubling-halving-quotative-and-partitive-division/lessons?sid-95930d=B9ACC2Mzdb&sm=0&src=3 WHITE ROSE https://assets.whiteroseeducation.com/new-schemes/Y2%20Spring%20Block%202%20SOL%20Multiplication%20and%20division.pdf Mastery with greater depth https://www.ncetm.org.uk/media/dnobtkl4/mastery_assessment_yr2.pdf
Reasoning	Missing numbers 10 = 5 x What number could be written in the box? Making links I have 30p in my pocket in 5p coins. How many coins do I have? Making links Write the multiplication number sentences to describe this array X X X X X X X What do you notice? Write the division sentences. Prove It Which four number sentences link these numbers? 3, 5, 15? Prove it. True or false? When you count up in tens starting at 5 there will always be 5 units. Use the inverse Use the inverse to check if the following calculations are correct: 12 ÷ 3 = 4 3 x 5 = 14



	Position and direction (1 week)
Problem solving	Click on me
Glossary	• Left - A word used to describe position or the direction of a turn. When facing North, left is to the West. • Right - A word used to describe position or the direction of a turn. When facing North, right is to the East. • Above - Above shows the position of an object is higher than something else. • Below - Below shows the position of an object is lower than something else. • Between - Between describes the position of an object being in the space separating two other objects. • Forwards - To move in the direction you are facing. • Backwards - To move in the opposite direction to which you are facing. • Clockwise - Clockwise is the direction that the hands of an analogue clock travel. • Anticlockwise - Anti-clockwise is the opposite direction to which the hands of an analogue clock travel. • Full turn - One complete turn all the way around. A full turn is the equivalent of turning through four right angles. • Half turn - Half of one complete turn. A half turn is the equivalent of turning through two right angles. • Quarter/ Three-quarter turn - A quarter/three-quarters of one complete turn. A quarter/three-quarter turn is the equivalent of turning through 1/3 right angles. • Pattern - An arrangement that follows a rule. A repeated set of numbers, shapes or objects. • Unit of repeat - The part of a pattern that appears over and over again. • Rotate - To spin or turn. • Rotation - A turn.
Stem sentences	
Representations	