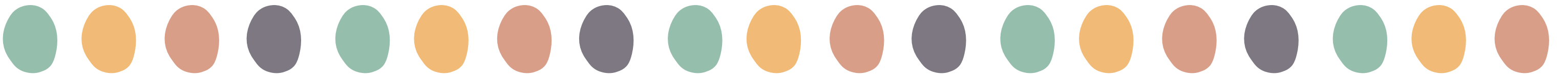


Y2- Overview

	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 2	SENSE OF MEASURE (2 WEEKS)													
Ready to progress														
NCETM documents														
Small steps	- To measure length in any direction to understand height, length, and distance. - To explain why we use standard units of measure. - To describe metres and centimetres, and choose which to use for different lengths. - To read and understand scales marked in metres and centimetres. - To compare and order different lengths. - To describe kilograms and grams, and decide which is best to measure mass. - To compare and order different masses. - To describe litres and millilitres, and choose which is best to measure capacity or volume. - To compare and order different capacities and volumes. - To explain what temperature is and read temperature scales													
Links	NCETM- - OAK https://www.thenationalacademy/teachers/programmes/maths-primary-ks1/units/sense-of-measure-capacity-volume-and-mass/lessons?sid-48852f=7nBGsUNnID&sm=0&src=3 WHITE ROSE https://assets.whiteroseeducation.com/new-schemes/Y2%20Spring%20Block%204%20SOL%20Mass%20capacity%20and%20temperature.pdf Mastery with greater depth https://www.ncetm.org.uk/media/dn0btk14/mastery_assessment_yr2.pdf													
Reasoning	-Top tips Put these measurements in order starting with the smallest. 75 grammes 85 grammes 100 grammes Explain your thinking Position the symbols Place the correct symbol between the measurements > or < 36cm 63cm 130ml 103ml Explain your thinking Undoing The film finishes two hours after it starts. It finishes at 4.30. What time did it start? Draw the clock at the start and the finish of the film. Explain thinking The time is 3:15pm. Kate says that in two hours she will be at her football game which starts at 4:15. Is Kate right? Explain why. Application (Practical) Draw two lines whose lengths differ by 4cm. Possibilities How many different ways can you make 63p using only 20p, 10p and 1p coins? Working backwards Draw hands on the clock faces to show when break started and when it finished 15 minutes later at 10:35. The answer is 3 hours What is the question?													



	Sense of measure (2 weeks)
Problem solving	 Click on me
Glossary	• Length - How long from end to end. • Height - How tall from bottom to top. • Distance - A length. A measurement of how far something has travelled through space. • Unit of measure - Something used as a standard of measurement. It is '1' of the measurement. • Standard unit - Uniform units of measure that are agreed throughout a community. • Metres - A measure of length (about the height of a door handle). • Centimeters - A measure of length (about the width of your thumbnail). • Ruler - A tool for measuring length. • Metre stick - A tool for measuring length which is one metre long. • Compare - You compare to find out what is the same and what is different. You can compare numbers to find out if one is greater than or less than another. • Order - You can order numbers from the smallest to the largest or from the largest to the smallest. The order stays the same when you count. • Mass - When you measure how heavy something is, you are measuring its mass. • Grams - A measure of mass (about as heavy as a raisin). • Kilograms - A measure of mass (about as heavy as a laptop). • Lighter - When one object has less mass than another, it is lighter. • Lightest - When an object has the least mass than all the others in a set, it is the lightest. • Heavier - When one object has more mass than another, it is heavier. • Heaviest - When an object has the greatest mass than all the others in a set, it is the heaviest. • Capacity - The amount of liquid something can hold. • Volume - The amount of space something takes up. • Litre - A unit of measure (about the capacity of a large carton of juice). • Millilitre - A unit of measure (about the volume of a rain drop). • Temperature - A measure of how hot or cold something is. • Thermometer - A tool used to measure temperature. • Degrees - A unit of measure that is used to measure temperature. • Scale - A number line with equal divisions for equal values
Stem sentences	
Representations	