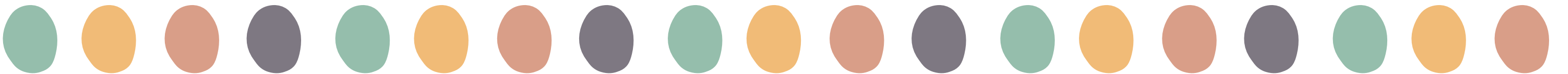


Y3- Overview

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

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

Summer 2	Tell the time to the nearest minute and compare units of time (2 weeks)
Ready to progress	
NCETM documents	
Small steps	- To tell and write the time to the nearest minute past the hour. - To tell and write the time to the nearest minute using both 'past' and 'to'. - To estimate and compare the duration of events and everyday tasks. - To tell and write the time using Roman numerals on a clock face. - To tell the time accurately using am and pm. - To recall and apply the number of days in each month, year, and leap year. - To know and state how many seconds there are in a minute
Links	NCETM OAK https://www.thenationalacademy/teachers/programmes/maths-primary-ks2/units/tell-the-time-to-the-nearest-minute-and-compare-units-of-time/lessons?sid-d046dd=uq8Y83D_9I&sm=0&src=3 WHITE ROSE https://assets.whiteroseeducation.com/new-schemes/Y3%20Summer%20Block%203%20SOL%20Time.pdf Mastery with greater depth https://www.ncetm.org.uk/media/oaqfcvjg/mastery_assessment_y3.pdf
Reasoning	Top Tips Put these capacities in order starting with the largest: Half a litre, quarter of a litre, 300 ml Explain how you know, using your understanding of millilitres and litres Position the symbols Place the correct symbol between these measurements: > or < 306 cm ___ half a metre 930 ml ___ 1 litre Use your knowledge of standard units to explain your thinking Undoing A programme lasting 45 minutes finishes at 5:20. What time did it start? Draw clocks showing both the start and finish time Explain thinking Salha says that 100 minutes is the same as 1 hour Is she correct? Use what you know about minutes and hours to explain Write more statements If a jug holds 630 ml of water, how much more do you need to make a litre? Try again with 450 ml Can you make up more questions like this using different starting amounts? Testing conditions A square has sides that are a whole number of centimetres Which of these could be its perimeter: 8 cm, 18 cm, 24 cm, 25 cm? Explain how you know Possibilities I bought a book that cost between £9 and £10 I paid with a £10 note and got silver coins back as change, between 50p and £1 What might the book have cost? Can there be more than one answer? Working backwards Tom's bus journey takes 30 minutes. He arrives at 9:25 What time did he leave? Choose the correct answer: 9:05, 8:55, 8:45 Explain your choice



	Tell the time to the nearest minute and compare units of time (2 weeks)
Problem solving	 Click on me
Glossary	• Minutes past - A way of expressing how many minutes have gone by since the last o'clock time. • Minutes to - How many minutes there are until the next hour. • Interval - What is between two values or points. For example, the time between 9:00 and 9:15 • Roman numerals - How ancient Romans used to write numbers. • Am - The half of the day from midnight to midday. • Pm - The half of the day from midday to midnight. • Month - One of the 12 parts of the year • Leap year - A year with an extra day • Estimate - To estimate is to find a value that is close enough to the right answer, usually with some thought or calculation involved. • Seconds - There are 60 seconds in one minute.
Stem sentences	"__ minutes past __ is the same time as __ __" Eg. Thirty-five minutes past six is the same as six thirty-five. The second hand is pointing to the number ____ so ____ seconds have passed after the new minute. If it is minutes past the hour, it is _____ minutes to the next hour.
Representations	