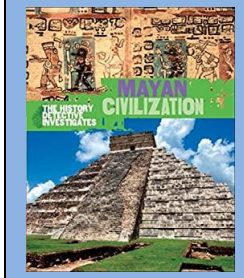
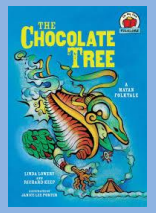
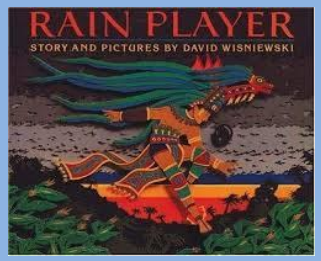
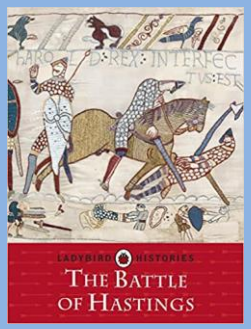
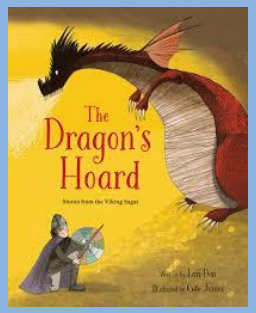
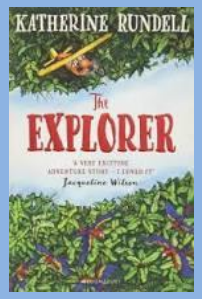
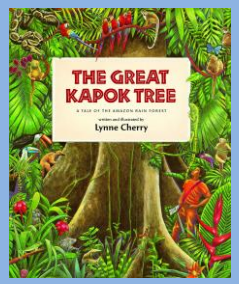
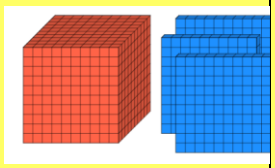
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English texts & genres	Quality Class Texts: Mayan Civilisation (History Detectives series)  The Chocolate Tree  **Outcomes:** **Folktale Narrative**	Quality Class Texts: Rainplayer  **Outcomes:** **Instructional writing**	Quality Class Texts: Anglo-Saxon Boy  **Outcomes:** **Non-Chronological Report**	Quality Class Texts: The Battle of Hastings  The Dragon's Hoard: Stories from the Viking Sagas  **Outcomes:** **Information text (Battle of Hastings)**	Quality Class Texts: The Explorer  **Outcomes:** **Narrative adventure story**	Quality Class Texts: The Great Kapok Tree  Poem - For Forest River  **Outcomes:** **Letter using persuasive language** **Explanation Text**

	Spelling & Grammar Statutory spelling words Words ending /ʒə/ Possessive apostrophe with singular proper nouns Homophones *Different ways to construct sentences, nouns and noun phrases, adverbials & verbs (all taught using the class text)*	**Spelling & Grammar** Statutory spelling words Prefixes in-, il-, im- and ir- Words with the ei sound Words with the ch sound The sound spelt ou Adding suffixes beginning with vowel letters to words of more than one syllable *Different ways to construct sentences, nouns and noun phrases, adverbials & verbs (all taught using the class text)*	**Spelling & Grammar** Statutory spelling words The g sound spelt gu Words with the –ture ending Possessive apostrophe with plurals Homophones *Different ways to construct sentences, nouns and noun phrases, adverbials & verbs (all taught using the class text)*	**Spelling & Grammar** Statutory spelling words Prefixes anti- and inter- Endings spelt –cian, -sion, -tion and –ssion Revision of spellings taught so far *Different ways to construct sentences, nouns and noun phrases, adverbials & verbs (all taught using the class text)*	**Spelling & Grammar** Statutory spelling words Words with the s sound spelt sc Endings spelt sion Apostrophes for possession Homophones Revision of spellings taught so far *Different ways to construct sentences, nouns and noun phrases, adverbials & verbs (all taught using the class text)*	**Spelling & Grammar** Statutory spelling words Suffix –ous Prefixes un-, dis-, in-, re-, sub-, inter-, super-, anti-, auto- Suffix ly Revision of spellings taught so far *Different ways to construct sentences, nouns and noun phrases, adverbials & verbs (all taught using the class text)*

Maths

Place value and calculation: 1 000 and four-digit numbers

How many 100s in a 1 000? How many tens? How many ones?



300 +200 = 500

800 – 100 = 700

What do you notice happens when you add or subtract multiples of 100?

Can you partition the number 5671? What does the 6 mean?

Do you know how many mm there are in 1 metre?

1kg is how many grams?
I'm thinking of a number.
Can you add and subtract 4 digit numbers using an appropriate method? Eg. 4732 – 2546
Can you read scales, graphs and diagrams accurately using your knowledge about 1000?

Connecting multiplication and division, and the distributive law
Why is an equation true or not true?

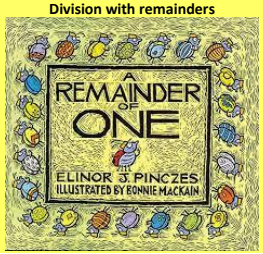
What is 3 lots of 4 added to 5 lots of 4? ___ lots of 4. What is this law called? The d_s_r_b_t_v_ law.

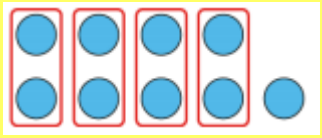
What about 53 x 7 + 53 x 3? (You shouldn't need to work out 53 x 7 to answer this).

Times tables: 11 and 12
Do you know the seven times tables?

Can you explain what a square number is and say all of the square numbers up to 100?

Division with remainders





9 = 4 x 2 + 1

What does the 9 represent? What does the 4 x 2 represent? What does the 1 represent? Which number is the remainder if we divide 9 counters into 4 groups?
Claire says "The remainder is always more than the divisor" but she is wrong. Explain why and correct her sentence.
Can you interpret the answer to division problems? Eg. 15 scouts are going camping. 4 scouts can fit in each tent. How many tents do they need?

Calculation: multiplying and dividing by 100
"All multiples of 10 have a ones digit of zero". Is this sometimes, always or never true?

How do you find the inverse of 'ten times as many'?
What number do you multiply by 100 to get 5400?

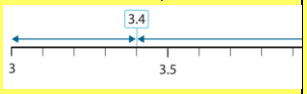
Composition and calculation: tenths

Can you count in tenths from zero through to 2 and 5/10?

Knowing that one tenth is 0.1 as a decimal can you count in decimal tenths? 0.1, 0.2, 0.3, …

What do the above diagrams show? Now can you draw a cherry tree diagram to show 0.2 + 0.5?

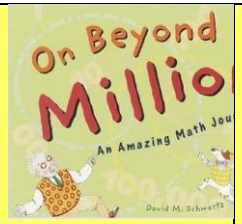
Composition and calculation: tenths
Can you round decimals to the nearest whole number by considering which two whole numbers they fall between?



Eg. 3.4 is between 3 and 4 but is closer to 3.

Composition and calculation: hundredths and thousandths
What is the same about these ways of describing one square on the grid and what is different? How could you describe 3 squares of the grid or 18 squares of the grid?
Can you count in hundredths from 0.96 to 1.12?
How many hundredths are there in one tenth? How can you convince someone who doesn't believe you?
Can you add and subtract hundredths and numbers containing hundredths?
What do we call one whole divided into one thousand pieces?

Addition and subtraction: money
Are the following statements true or false?
10 p is one tenth of £1
1p is one thousandth of £1
1 p is one thousandth of £10
If I have £2.30 in my pocket and only have 4 coins what could these coins be? Are there any other possibilities?
What is the most efficient way to add £1.99 and £3.99?
Can you work out your change by finding the difference or counting on?
Eg. I buy a toy costing £3.40 and I pay with a £5 note. How much change will I get?
Can you use the column method to add £16.47 and £12.45?
Can you use the column method to subtract: £18.42 – £11.50?
Jenny had £30 to spend on a trip to the café. She spent £9.20 on drinks and £ 15 .60 on sandwiches. How much did she have left?



Multiplication: partitioning leading to short multiplication

What is 47 partitioned?
Can you calculate 6 x 47 by first doing 6 x 40? What do you need to next? How can you check your answer is a multiple of 6?

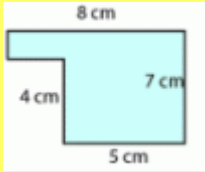
Can you multiply 72 by 8 using short multiplication?
What is 412 partitioned?
Can you find 7 x 412 using two different methods? Say 'snap' if your answers match.

Division: partitioning leading to short division
Harry divides 94 by 3. Here is his method:
94 = 90 + 4
90 ÷3 = 30
4 ÷3 = 1 remainder 1
Meghan uses short division to divide 94 by 3. Show what she does. Do Harry and Meghan get the same answer?
Show how to calculate 705 divided by 5 using both a partitioning method and a short division method. If your answers match say 'snap'!

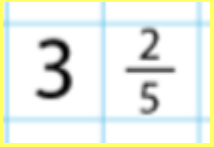
Multiplicative contexts: area and perimeter

What is the perimeter of a rectangle?
The perimeter of a regular hexagon is 66cm. How long is each side?
What is the area of the above rectangle? What are the units of measurement?

Multiplicative contexts: area and perimeter
How could you work out the area of this composite shape?



Working across one whole: improper fractions and mixed numbers
Can you draw a diagram to show the mixed number below?



Where would you place this mixed number on a number line? Draw it.
Can you write the mixed number above as an improper fraction? Now add three-fifths to it. Your result should be a square number less than 5 and bigger than 1.

Multiplying whole numbers and fractions
¼ + ¼ + ¼ = 3 x ¼
What is the same and what is different about each side of the above equation?

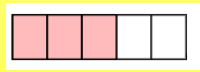
Which is correct?
¾ x 3 = 9/4
¾ x 3 = 2 ¾

Find one fifth of £100.
Use your answer to find three fifths of £100.

Is 1/7 of 4 the same as 1/7 x 4? Why/why not?

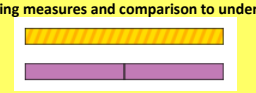
What is 2/3 of 5? (Hint: what is 1/3 of 5?)

Multiplying whole numbers and fractions
3/5 of a number is 12. Draw a bar model to show this and then use it to work out what the number is.



Y4 times table check

Structures: using measures and comparison to understand scaling



How many different statements can you make to compare the lengths of ribbon shown? There are 2 pieces of purple ribbon and 1 piece of yellow.

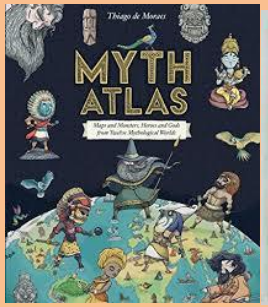
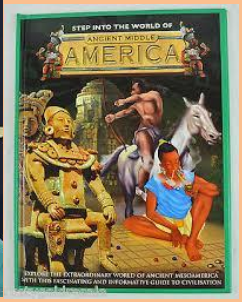
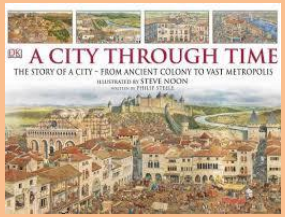
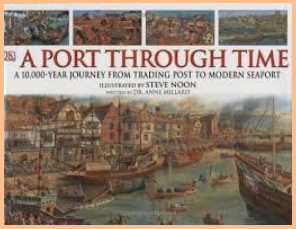
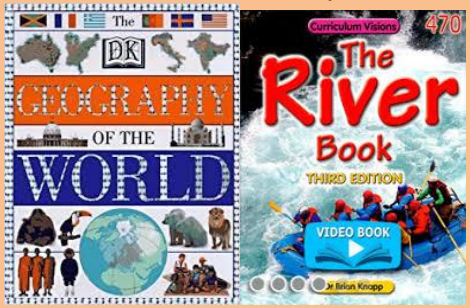
Geometry: angles, position and direction

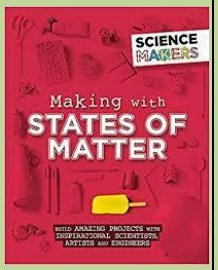
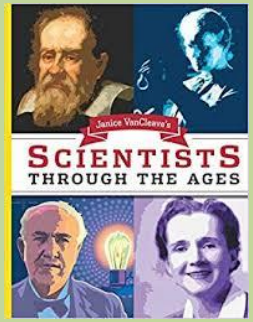
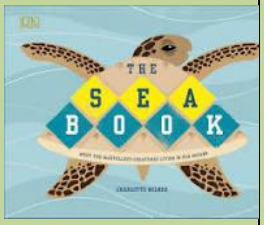
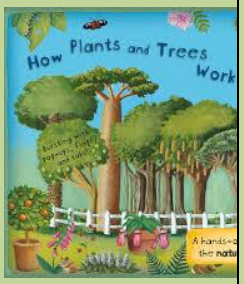
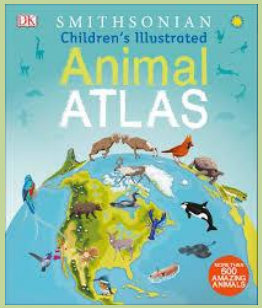
Can you order acute and obtuse angles? Can you estimate and make angles using your arms?

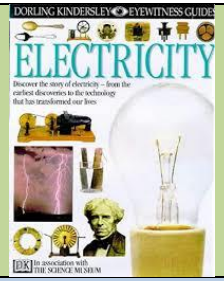
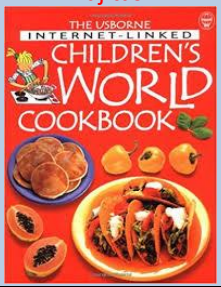
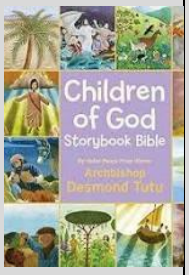
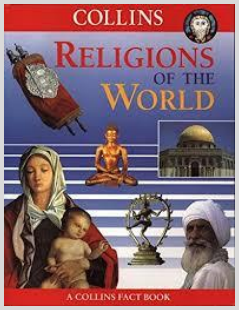
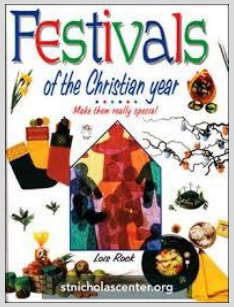
I have 4 equal length sides and 2 pairs of parallel sides. What shape am I?

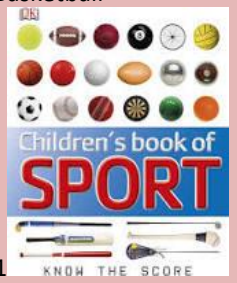
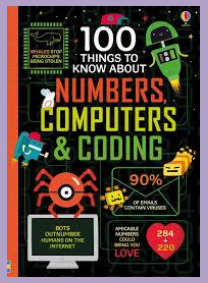
Can you draw and label a coordinate grid accurately? Can you describe positions as coordinates (in the first quadrant) and describe movements between positions as translations of a given unit to the left/right and up/down?
Can you plot specified points, such as (2, 4), and draw sides to complete a given polygon?

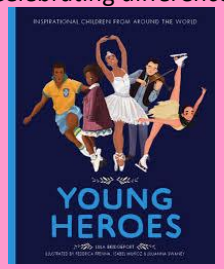
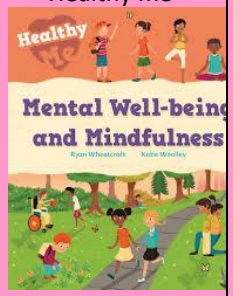
Mathematical investigation
Collect data about the Amazon river and compare it to personal and local water data.
The Amazon discharges 200, 000 cubic metres of water every second!
What is a cubic metre?
How much water do you use in a day? If you leave the tap running for 20 seconds how much water comes out?
How much water is there in the average bath?

History & Geography topic			
	TOPIC – The Maya (History based but Geography links to Mesoamerica) Where and when did the Maya live? What was Maya writing like? How did the Maya tell the time? What numbers did the Maya use in Maths? Did the Maya play football like us? How do we know about the Maya?  	TOPIC – Anglo Saxons & Vikings (History based but with Geography links to Germany, Scandinavia & The Netherlands) Was life better in Anglo Saxon or Viking Britain? Did the Anglo Saxons and Vikings get on with each other? What did the Anglo Saxons and Vikings leave behind?   	TOPIC – The Amazon (Geography based) Where is this place? How does it connect to other places? How can it be mapped? What kind of features does this place have? What effect is human activity having on this place? How is the landscape changing and why? How does my view of this place change when I zoom in or out? How and why are places connected at different scales? What's it got to do with me? What is their story? 

	States of matter	Sound	Electricity	All living things	All living things (Forest School)	Animals including humans
Science	Can you organise materials into solids, liquids and gases? What happens when materials are cooled and heated? Do you understand the process of the water cycle? 	Can you identify how sounds are made? Can you associate how some sounds are made through vibrations? Can you recognise that vibrations from sounds travel through a medium to the ear? Can you find patterns between the pitch of a sound and features of the object that produced it? Can you recognise that sounds get fainter as the distance from the sound source increases? 	Can you identify common appliances that run on electricity? Can you construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers? Can you identify whether or not a lamp will light in a simple series circuit, whether the lamp is part of a complete loop with a battery? Can you recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit? Can you recognise some common conductors and insulators and associate metals with being good conductors? DT link – designing and making a torch	Can you recognise that living things can be grouped in a variety of ways? Can you explore and use classification keys to help group, identify and name a variety of living things in your local and wider environment? Can you recognise that environments can change and that this can sometimes pose dangers to living things? 	How can we categorise plants? How can our surrounding environment affect plants? 	Can you describe the function of the digestive system in humans? Can you identify the different types of teeth and their simple functions? Can you construct and interpret a variety of food chains, identifying producers, predators and prey? 

						
Art & DT	DT – designing biscuit packaging	Art – pottery: making Maya figures	DT/Science – designing and making a torch	Art -Illuminated lettering	DT – cooking healthy food – fajitas 	Art – Matisse inspired screen printing 
RE	What kind of world did Jesus want? 	What does it mean to be a Hindu in Britain today? 	How and why do people mark the significant events of life? (Judaism/Hinduis)	Why do Christians call the day Jesus died 'Good Friday'? 	For Christians, what was the impact of Pentecost?	How and why do people try to make the world a better place? (Christianity, Judaism, Islam)

P.E	Tag Rugby Football 	Basketball  Dance Unit 1	Netball Gymnastics Unit 1	Dance Unit 2 Tennis	Hockey Gymnastics Unit 2	Cricket Athletics 
Music	Outside tuition	Outside tuition 	Outside tuition	Outside tuition	Outside tuition	Outside tuition
Computing	Computing systems and networks – The internet	Creating Media – audio editing https://audacityteam.org/download	Programming – repetition in shapes turtleacademy.com/playground 	Data and information – Data logging	Creating media – photo editing using paint	Programming – Repetition in games using scratch https://scratch.mit.edu/projects/editor/?tutorial=getStarted

PSHE	Being me in my world 	Celebrating difference 	Dreams and goals 	Healthy me 	Relationships	Changing me
	La Phonetique (French phonics) Je me presente (Presenting myself)	Salle de class (Classroom)	Chez moi (My home)	Les habitats (Habitats)	La famille (Family)	Boucle d'or (Goldilocks)
French	**Listening** - Show understanding of a range of familiar phrases, through role play especially. Listen to and accurately repeat phonemes in songs and rhymes making spelling links, Notice that French has different phonemes and that some letters are not sounded out (especially ends of words – ez/s/t **Speaking** - Ask and answer a range of questions on different topic areas, using familiar sentences as models, make changes to create new sentences. Read aloud with accurate pronunciation. Present a short piece for performance (song, poem, play). **Reading –** Show understanding of a range of familiar spoken phrases, and using them in role play. Begin to make clearer spelling links between songs and sentences listened to and the written word. **Writing -** Write words and simple phrases from memory. Regularly use adjectives to describe nouns – petit/grand/rouge/ vert/noir/blanc etc. Write descriptive sentences using a model but also using own memory. **Grammar -** Recognise pronouns (mon, ma, mes, ton, ta, tes, votre, vos, notre, nos). Recognise determiners (Articles) ie le, la, les, un and une. Start to recognise that colours may change spelling depending on gender of noun. Recognise questions. Recognise negative (ne…pas)					