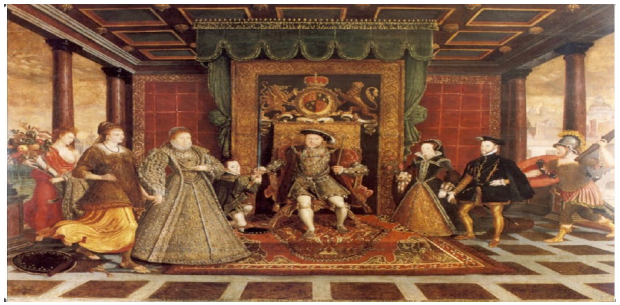
Science - States of Matter

Children will compare and group materials according to whether they are solids, liquids or gases. They will observe how some materials change state when they are heated or cooled. They will identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. Children will also study the Water Cycle.

Topic - Tudors



PE

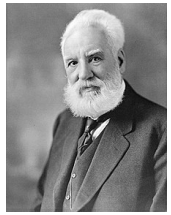
This term the children will learn:
Basketball
Dance
Cross country (Wotton & Dursley league)

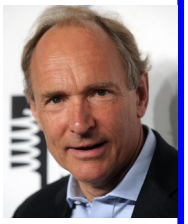
Computing - Internet Communication

Children will learn how to perform a complex search for information. Know where to find copyright free images and audio, and why this is important. Critically evaluate websites for reliability of information and authenticity. Explain how algorithms are used to track online activities. Learn about laws for purchasing games, and online gambling.

DT - British Inventors

The children will learn about the inventions of the telephone, World Wide Web, reinforced concrete and the mackintosh (waterproof clothing). Along the way we will have fun with some practical DT activities.





PSHE - Valuing Difference

The children will learn about diversity, personal choices, and how to respect each others' choices. They will talk about understanding people's feelings and learn to recognise and label emotions. They will explore stereotypes and learn how these can be harmful.

RE - What is the significance of commitment ceremonies?

Children will investigate how and why people celebrate commitment They will look at how people welcome babies into the world and the commitments they make.. They will also look at how young people/adults show commitment to each other and o their traditions, and celebrate this through ceremonies.

Enrichment Activities including Outdoor Learning

- Redgrave Theatre visit
- Nativity Performances
- Remembrance Day activities
- Wotton League Football matches
- Anti-bullying Week
- Carol Service at St Giles

History - Tudors

Children will find out who the Tudors were and how they lived. They will investigate Tudor clothes, food, crime and punishment and diseases. They will also investigate what life was like for a Tudor child.

How can you help your child at home?

Homework - all juniors - see homework information sheet

- **Times Tables Rockstars,** (this incudes division facts and, for older children, tables beyond 12 x 12)
- Daily **reading** to an adult
- weekly **Spelling Shed** online spellings or worksheet
- Pick and Mix Homework activities
- Want more? Choose a game from MathsFrame (User:Hillesley PW: Maths1)

Class 2 - Year 3/4

The following is an overview of learning in English and maths during this term. If you would like more information about our curriculum outline for this academic year, please see our website or contact the school. In the second half of this term, there will be an assessment week when teachers will carry out several summative tests to measure children's progress.

Autumn Term 2

English

Key Texts - Greek Myths by Jean Menzies

"Set sail with Jason and the Argonauts, battle the Calydonian boar alongside Atalanta and stand on Mount Olympus, next to Zeus, king of the Gods. This collection of more than 30 illustrated tales will take you on all kinds of adventures, and introduce you to the mighty heroes and powerful gods of ancient Greece!"

Main outcome: After reading and enjoying the Greek myths, the children will write their own mythical story, inspired by what they have read.

Other writing opportunities: The children will also write a persuasive article advocating for the wearing of school uniform, this term.

Handwriting

Children will be practising cursive lowercase letter formation, followed by revisiting letter joins.

Spelling Y3

Adding suffix 'ation' to words
Adding suffix 'ly' to words
Words with sound /sh/ spelled 'ch'
Spelling age tests

Spelling Y4

Prefixes 're' 'mis 'dis' 'inter'
Adding suffixes beginning with vowel letters to words of more than one syllable
Spelling age tests

Year 3/4
common exception words
(Term 2 on Spelling Frame)

Spelling support
Year 2 common exception words

Reading We have specific individual quiet reading times in school. We also have reading volunteers working with children every week. The children's reading records will be checked by teaching staff each Monday; please note any reading done at home during the week. We aim to improve fluency as well as comprehension in our reading lessons in English.

Grammar

Compound and complex sentences
Nouns and pronouns for clarity
Use inverted commas to punctuate speech
Powerful verbs
Use paragraphs as a way to group related material
Use headings and sub-headings to aid presentation
Use a range of conjunctions (clauses)

Mathematics

Year 3:

Number: Multiplication and division A

- Multiples of 2, 5 and 10
- Multiply and divide by 3, 4 and 8 and times tables for 3, 4 and 8

Year 4:

Measurement: Area

- Measure area counting squares
- Make shapes

Number: Multiplication and division A

- Multiply and divide by 3, 6, 7 and 9
- Times table and division facts for 6, 7, 9, 11 and 12
- Multiply by 1 and 0
- Divide a number by 1 and itself

Class 2 - Year 5/6

The following is an overview of learning in English and maths during this term. If you would like more information about our curriculum outline for this academic year, please see our website or contact the school. In the second half of this term, there will be an assessment week when teachers will carry out several summative tests to measure children's progress.

Autumn Term 2

English **Key texts:** a variety of fun instructions and explanation texts from Hamilton Trust based on changing entertainment technology, including card games and invention explanations, presentations and adverts. The children will read and analyse the features of these non-fiction texts. We will create some inventions of our own and use clips from Dragon's Den to consider how to make our explanations sound persuasive.

Writing Outcomes:

- A persuasive advert style explanation of a fictional invention presented as a 'Dragon's Den' style pitch.
- Instructions for playing a simple game .
- An explanation of how an invention, device or game works.

Oracy - speaking and listening skills

The children will present their invention pitches to the class and prepare for the Christmas play by rehearsing and learning lines.

Handwriting

Unit 4 - Revisit spacing within and between words and across lines of writing

Unit 5 - Revisit increasing the legibility, consistency and quality of handwriting

Spelling - Our weekly spelling programme 'is Spelling Shed'. Spellings will be

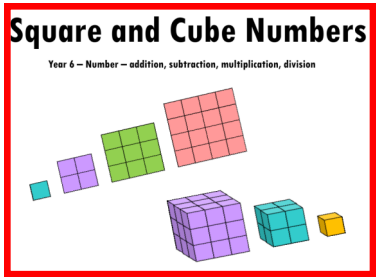
Spelling Y6	Spelling Y5	Spelling support group
Year 5/6 common exception words	Year 5/6 common exception words	Year 3/4 common exception words
Words with the /oa/ sound spelled 'ou' or 'ow'	Words ending 'ant / ance'	
Words with a soft 'c' spelled 'ce'	Words ending 'ent/ ence'	
Words with the /f/ sound spelled 'ph'	Words ending 'ible / ibly'	
	Words ending 'able/ ably'	

Reading - together we will read the novel 'Clockwork' by Philip Pullman about a machine that comes alive. This enchanting and magical story is great for children to hear just before Christmas and has a central theme about hard work and its rewards. During each week we have specific quiet reading times in school. We also have reading volunteers working with children. Reading records will be checked by teaching staff each Monday; please note any reading done at home during the week. We aim to improve fluency as well as comprehension in our reading lessons in English.

Grammar - We teach grammar across the year from the objectives listed in the national curriculum. In Term 2 Year 5/6 will focus on using parenthesis to add information to a sentence (using dashes, commas and brackets) and also on using relative clauses to add more information to nouns.

Mathematics

Multiplication, division and fractions



- Multiples
- Common multiples
- Factors
- Prime numbers
- Square and (Y6) cube numbers
- Multiply and divide by 10, 100, 1000
- Short multiplication
- Short division
- Long multiplication introduction(Y6)
- Equivalent fractions
- Comparing and ordering fractions
- Convert improper fractions to mixed numbers and vice versa
- Adding and subtracting fractions and mixed numbers