Etal Class Overview – Autumn 1 2025

Subject	What we will learn this half term	
English	Our class book this half term is Holes by Louis Sachar. We will use this book, alongside a range of fiction and non-fiction texts and short films, to continue to develop our vocabulary and skills in inference, prediction, clarification and evaluation. This half term we will produce a range of writing including: ● Adventure narrative ● Free write	
Maths	**Year 5** **Place Value** • Roman numerals to 1,000 • Numbers to 10,000 • Numbers to 100,000 • Numbers to 1,000,000 • Read and write numbers to 1,000,000 • Powers of 10 • 10/100/1,000/10,000/100,000 more or less • Partition numbers to 1,000,000 • Number line to 1,000,000 • Compare and order numbers to 100,000 • Compare and order numbers to 1,000,000 • Round to the nearest 10, 100 or 1,000 • Round within 100,000 • Round within 1,000,000 **Addition and subtraction** • Mental strategies • Add whole numbers with more than four digits	**Year 6** **Place Value** • Numbers to 1,000,000 • Numbers to 10,000,000 • Read and write numbers to 10,000,000 • Powers of 10 • Number line to 10,000,000 • Compare and order any integers • Round any integer • Negative numbers **Addition, subtraction, multiplication and division** • Add and subtract integers • Common factors • Common multiples • Rules of divisibility • Primes to 100 • Square and cube numbers • Multiply up to a 4-digit number by a 2-digit number • Solve problems with multiplication • Short division • Division using factors • Introduction to long division • Long division with remainders

	- Subtract whole numbers with more than four digits - Round to check answers - Inverse operations (addition and subtraction) - Multi-step addition and subtraction problems - Compare calculations - Find missing numbers **Multiplication and division** - Multiples - Common multiples - Factors Step 4 Common factors - Prime numbers - Square numbers Step 7 Cube numbers - Multiply by 10, 100 and 1,000 - Divide by 10, 100 and 1,000 - Multiples of 10, 100 and 1,000	- Solve problems with division - Solve multi-step problems - Order of operations - Mental calculations and estimation **Fractions** - Equivalent fractions and simplifying - Equivalent fractions on a number line - Compare and order (denominator) - Compare and order (numerator) - Add and subtract simple fractions - Add and subtract any two fractions - Add mixed numbers - Subtract mixed numbers - Multi-step problems

Science	**Light** - Explain how light travels in a straight line and shadows are formed - Compare materials of different transparencies - Describe how lenses can be used - Show white light is a mixture - Explain how water can bend light - Investigate light colour mixing
Humanities (History & Geography)	**How did the Industrial Revolution and the ideas of the Victorian era impact modern Britain and the rest of the world?** - What was the Industrial Revolution? - What was it like to live in Victorian Britain? - What was life like for children in Victorian Britain? - How did transport change the lives of people in Victorian Britain? - What important communication technologies were invented during the Victorian era? - What was the British Empire and what effect did it have on modern Britain and the rest of the world?
Art & D&T	**Photography**

	• Apply an understanding of composition to create an effective photomontage advertising poster • Apply understanding of abstract art through photography • Demonstrate an understanding of design choices made for effect using digital photography techniques • Apply an understanding of photography to design and recreate a famous painting • Demonstrate observation and proportion to create art in a photorealistic style
RE	**Creation and science: conflicting or complementary?** Make sense of belief: • Identify what type of text some Christians say Genesis 1 is, and its purpose • Taking account of the context, suggest what Genesis 1 might mean, and compare their ideas with ways in which Christians interpret it, showing awareness of different interpretations Understand the impact: • Make clear connections between Genesis 1 and Christian belief about God as Creator • Show understanding of why many Christians find science and faith go together Make connections: • Identify key ideas arising from their study of Genesis 1 and comment on how far these are helpful or inspiring, justifying their responses • Weigh up how far the Genesis 1 creation narrative is in conflict, or is complementary, with a scientific account, giving good reasons for their views.
PSHE	**Families and friendships (attraction to others; romantic relationships; civil partnership and marriage)** • what it means to be attracted to someone and different kinds of loving relationships • that people who love each other can be of any gender, ethnicity or faith • the difference between gender identity and sexual orientation and everyone's right to be loved • about the qualities of healthy relationships that help individuals flourish • ways in which couples show their love and commitment to one another, including those who are not married or who live apart • what marriage and civil partnership mean e.g. a legal declaration of commitment made by two adults

	● that people have the right to choose whom they marry or whether to get married ● that to force anyone into marriage is illegal ● how and where to report forced marriage or ask for help if they are worried **Safe relationships (recognising and managing pressure; consent in different situations)** ● to compare the features of a healthy and unhealthy friendship ● about the shared responsibility if someone is put under pressure to do something dangerous and something goes wrong ● strategies to respond to pressure from friends including online ● how to assess the risk of different online 'challenges' and 'dares' ● how to recognise and respond to pressure from others to do something unsafe or that makes them feel worried or uncomfortable ● how to get advice and report concerns about personal safety, including online ● what consent means and how to seek and give/not give permission in different situations
PE	This half term Etal Class will go swimming on a Wednesday afternoon. We will have PE with NUFC on a Tuesday and a Thursday- children should come to school in their PE kit on those days. We will also run the daily mile every afternoon!
Computing	**Computing systems and network- communication** In this unit, the class will learn about the World Wide Web as a communication tool. First, they will learn how we find information on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines. They will then investigate different methods of communication, before focusing on internet-based communication. Finally, they will evaluate which methods of internet communication to use for particular purposes.
Music	
French	**The date** Days of the week, months of the year and numbers 1-31 will be introduced, revised and consolidated so, by the end of this unit, pupils will have the knowledge and skills to say the date and when their birthday is in French.

Notices

Homework is set on Thursday. There will be a comprehension, children will be given a physical copy, and a maths activity set on SAT's companion. This should be completed by the following Thursday.

Children are also expected to read daily and log their book and page numbers in their planners. This should be signed by an adult at least once a week. Planners should be in school every day and they will be monitored every Friday.

Children should also use TT Rockstars every week to consolidate times tables.

Useful Links

Maths:

http://www.bbc.co.uk/bitesize/ks2/maths/
SAT's companion
http://www.topmarks.co.uk/maths-games/7-11-years
https://play.prodigygame.com/
https://play.ttrockstars.com/ttrs/dashboard

English:

http://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar
https://www.spellingshed.com/en-gb/index.html
ReadTheory | Free Reading Comprehension Practice for Students and Teachers
SAT's companion