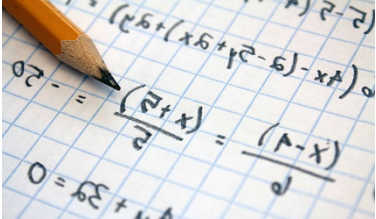
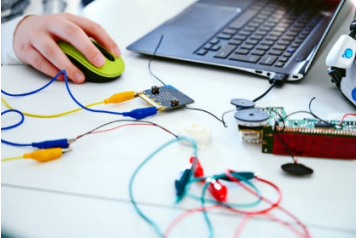



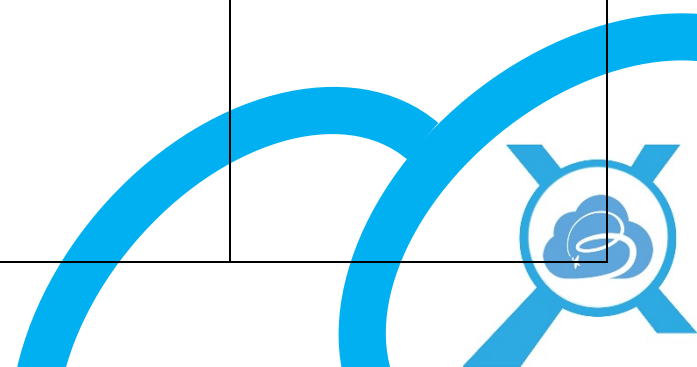
Jasper Base This term we are learning about
"What's Beneath?"



Our Change Maker principle, this term is 'Share'



English	Maths	Science	Computing	PSHE/RSE
<p>This half term students will be continuing to look at Travel Writing as a style of Non-Fiction writing. We will take an in-depth look at vocabulary, fact and opinion, rhetorical questioning, how to use our knowledge of grammar to write emotive sentences and other language devices. This process will include taking notes and developing initial ideas, drawing on reading and research. The use of organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]. Evaluate and edit by: assessing the effectiveness of their own and others' writing. To propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning. This will culminate in young people creating a persuasive piece of work writing in the style of a Travel Writer. Students will then move on to exploring 'Shakleton's Journey', a non-fiction text about his expedition to the to the North Pole.</p>	 <p>Students will work on furthering their formal calculation skills using the four operations of addition, subtraction, multiplication and division. This knowledge will be applied to solving real world word problems. Then students will move on to looking at Fraction, Decimal and Percentage equivalence. They will explore converting between fractions, decimals and percentages and representing these pictorially. Some students will extend their learning by continuing to use algebraic formulae to form equations. Then looking at solving 2-step problems and finding pairs of values.</p>	<p>Earth's Resources Students will explore renewable and non-renewable energy resources, and the importance making more use of renewable energy sources such as wind and solar energy, despite some of their disadvantages. They also will be delving into the formation of crude oil and the useful products that can be extracted from it. We will be revisiting combustion as studied in plants and the carbon cycle in more detail, focusing on the chemical reaction, learning about what is required for fuels to burn and describing the difference between complete and incomplete combustion. Students will be working scientifically to practically investigate 'Which is the</p>	 <p>Students will learn how to create, edit and manipulate digital images using a range of software tools. They will learn how to remove backgrounds, work with layers, add text and apply effects filters in order to create their own digital image.</p>	<p>Pupils will study emotional well-being, healthy lifestyles and influences. They will discuss mental health and emotional wellbeing, including body image and coping strategies. They will learn about healthy routines, diet, exercise and lifestyle balance.</p> 

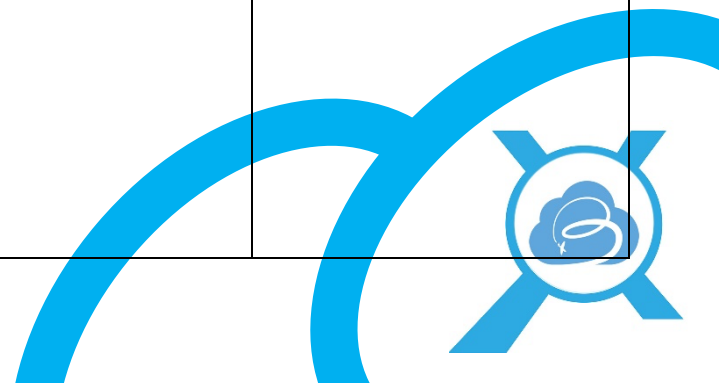


Pupils will continue reading for pleasure and our class novel is 'Rooftoppers' by Catherine Rundell. We will explore settings, characters and the central themes of the novel.



best fuel?' They will be identifying the different variables in an investigation into the best fuel and explaining how to make sure their results are reliable. They will accurately collect results, calculate the heat given out by each fuel and make conclusions based on their graph of their results.

We will be looking at how metals are found on Earth and describe metal extraction methods with a focus on environmental impact (SMSC). Students will explore how all the human activities discussed this half term have had an effect on the composition of the Earth's atmosphere. We will discuss how we can reduce human impact. This will lead us onto looking at why recycling some materials is particularly important and evaluate the efficacy of recycling.



Geography & History

History:

History this term is looking at medieval Kings under fire. A series of lessons looking at how the absolute rule of kings began to be challenged. Students will look at the events such as the death of Thomas Becket, the sign of Magna Carta, the legend of Robin Hood and the Peasants Revolt.



Geography:

Pupils will learn about physical geography relating to weather and climate, including the change in climate from the Ice Age to present day. They will focus on: storms, climate graphs, UK climate and extreme climates.

Art and DT

Art

This term young people will be focusing on their drawing techniques including shading and the use of tone. Students will zoom in on the art work of multi-media artist Louis Jover. They will create a piece of art imitating Jover's style and artistic techniques.

Students will use a range of techniques and media, including painting to record their observations in sketchbooks, journals and other media as a basis for exploring their ideas.

DT



Students will be using research and exploration techniques to design and build a diorama of a Coral Reef, choosing from a range of different complex materials. They will focus on how to solve and reformulate their design problems by communicating their ideas using annotated sketches, detailed plans, 3D mathematical modelling, oral and digital presentations and computer-based tools. Students will then evaluate and showcase their products.

PE & Music

PE

Young people will learn passing, dribbling and shooting techniques. They will explore tactics of a game to attack and defend. Young people will work as part of a team, communicating a plan and following rules. They will compare their performances with previous ones, demonstrating improvement to achieve their personal best. Some will lead others in a game situation, explaining rules of the game. Some young people will progress to umpiring a game.



Music:

Students will be recapping their knowledge of musical instruments from each of the four families (strings, percussion, woodwind and brass). They will be listening to different sounds and exploring the different timbres and pitch of each instrument.

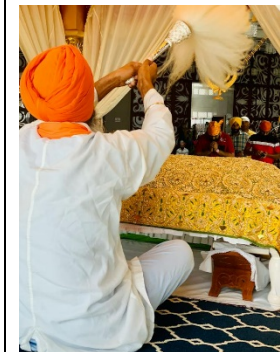
MFL

MFL

In Spanish this term students will be learning to name, spell and pronounce accurately at least ten action verbs. Young people will learn how to put these verbs into sentences to discuss which ones they know how to do and which ones they don't. They will extend this knowledge by adding and and but into their sentences when speaking in Spanish.

RE

Pupils will learn about and celebrate the Sikh religion.





Food Technology:

Pupils will be able to identify foods associated with specific bacteria and methods of reduction, including methods of reducing the risk of cross contamination.

They will follow the Eatwell guide and create a healthy balanced diet.

Young people will understand the process of caramelisation.

They will also be able to discuss raising agents and determine which are used within a recipe.

Pupils will be able to identify the correct method of cooking for all recipes. They will be able to effectively learn and use frying, baking, grilling, toasting and boiling methods.

Students will be broadening their use of musical vocabulary, particularly the musical dimensions where they will be able to comment on the pitch, texture, timbre, dynamics and instruments when listening to a piece of music.

Students will be exploring three key pieces from musicals - particularly *The Greatest Showman*, *We Will Rock You* (The Musical) and *Matilda* (The Musical). They will explore how musical dimensions have been manipulated to influence different atmospheres and moods within a piece of music. They will perform each of these key pieces on either keyboard or guitar, working independently to perfect their technique in their right hand as well as performing confidently and fluently.

