

British Coastlines Summer Term - Beech Class

As a historian, I will consider advantages and disadvantages of methods of travel in the 1800s. We will explore the question, who were the Navvies? I'll be able to explain who George Stephenson was and what he accomplished. I will study the work of Robert Stephenson, learn about The Mallard and trains of today. This will involve comparing the characteristics of trains from the 1800s to present times. I will learn about the development of underground railways in London and be able to describe how the underground railway changed to lives of Londoners. I will research to find out about William Henry Smith and why the railways so important to him. I will use sources to infer what coastal holidays were like during the Victorian Era and compare them to those of today. I will research how the invention of the railway changed the British Coastline.

In my study of English, I will be learning to spell more words with contracted forms. I will consider what I am going to write before beginning by: planning or saying out loud what I am going to write about, writing down ideas and/or key words, including new vocabulary, encapsulating what I want to say, sentence by sentence. I will develop my understanding of concepts, learning how to use both familiar and new punctuation correctly. I will learn to make simple additions, revisions and corrections to my own writing by evaluating my writing, rereading to check that my writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form. This half-term I will write alternative endings for traditional tales and write an explanation text about the life cycle of a butterfly.

As a scientist, I will identify what season are we in and observe changes about the surrounding plants. I will learn more about how human and animals go through life cycles. This will include learning about how humans go from being a foetus, to a baby (where they rely on adults for their basic needs) to being a child, to being a teenager. At this point of our learning, we will be inviting any parents who have just had a baby! We will then take a visit to a local pond to observe frogs. This will support our understanding of frog life cycles. We will explore how to test how waterproof a material is and how to sort how reflective or transparent objects are. We will investigate how friction affects how things move across different materials and ask the question, why are some materials better for different jobs?

As a designer, my design brief is to make a moving vehicle. To gain technical knowledge I will watch a clip of Aston Martin which shows it racing around the track at Silverstone. At this point we will make links – Gaydon is just down the road. I will study a timeline of the history of cars and what they were used for. I will learn about how both men and women have important roles in the design of cars. I will learn new vocabulary, axle, axle holder, wheel, chassis and then find and recognise the different parts on the toy cars/vehicles. I will be exploring, to what the wheels are attached, how the wheels are attached and where the wheels are placed in relation to the shape of the body. I will then draw my own design before making a moving vehicle. I'll then evaluate my vehicle by testing to see if my mechanism works and evaluate against my own design.

As a geographer, I will learn to understand geographical similarities and difference through studying the human and physical geographical of the small area of the United Kingdom, and a small area in a contrasting non-European city. I will be able to name and locate the world's seven continents and five oceans. I will be able to name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas. I will learn how to identify human and physical features of the coast. I will study the layers of the ocean making links to science (animals and habitats). I will carry out a comparative study between a UK coastal area and a coastal area in South America – comparing Lyme Regis and St Lucia. I will explore the impact of plastic pollution.

In my Physical Education, I will learn about striking and fielding. In this unit, I will develop my understanding of the principles of striking and fielding games. I will develop the skills of throwing and catching, tracking, and retrieving a ball and striking a ball. I'll begin to self-manage small, sided games. I'll learn how to score points and play to the rules. I will begin to think about how to use skills, strategies and tactics to outwit the opposition appropriate to the situation. I will also learn about net and ball games. I will develop my understanding of the principles of net and wall games such as using the ready position to defend my space and sending the ball away from an opponent to maximise my chances of scoring.

As a mathematician, I will continue to deepen my understanding of place value, addition and subtraction, multiplication, and division. I will learn about fractions, length, and mass. Math learning takes place throughout the entire day, from our morning routine, right through to telling the time at different intervals throughout the day. My learning is a mix of fluency-based tasks as well as a broad range of reasoning and problem solving.

In Computing, I will continue to learn more about the importance of staying safe online and what this means for me. I will also study a unit of work called, making music. This series of lessons will provide me with the knowledge and understanding to create simple and more complex animations using 2Sequence. I will be able to use 2Sequence to explore harmony and build up musical scores.

In PSHE, I will learn to name different parts of my body that are inside me and help to turn food into energy. I will be able to explain how setting a goal or goals will help me to achieve what I want to be able to do. I will be able to tell you who helps us grow and what things I can now do myself that I couldn't when I was younger. I will explore how it feels when you have to say goodbye to someone or something. I will explore examples of how to give feedback to someone.

In my study of French, I will be learning how to greet people in French and how to say numbers and colours in French. We will also learn short songs and nursery rhymes to support our learning of the language.

As a musician, I will use my voice expressively and creatively by singing songs and speaking chants and rhymes. I will be learning to identify and play the pulse and the rhythm in a given piece of music. I will experiment playing with tuned and untuned percussion instruments musically. I will listen and respond to different music.

In Religious Education, I will develop knowledge and understanding of principal religions and worldviews and learn to use subject-specific vocabulary, ask questions and begin to express my own views in response to what I'm taught.