

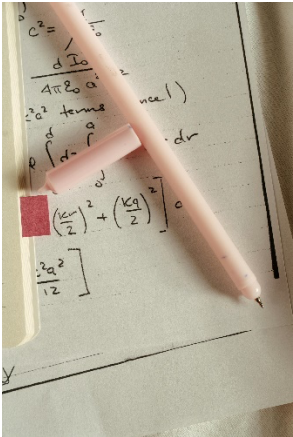
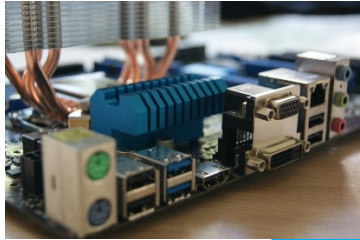

**Pearl Base
Overview of
Learning.**


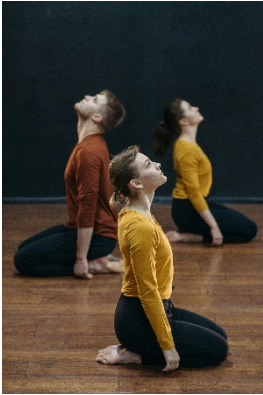


This term we are learning about
"What's around the corner?"



Our Change Maker principle
this term is 'Positivity.'



English	Maths	Science	Computing	PSHE
<p>Pupils will be studying Shackleton's Journey by William Grill. They will explore the epic expedition of Shackleton and his crew to Antarctica. Before studying the text, pupils will make predictions about the story based on our prior knowledge and clues given to us from the front and back covers and end papers. Pupils will analyse and describe the setting, characters and atmosphere of the story. They will create a character profile including physical and personality traits using descriptive techniques. Pupils will use their writing skills to develop a speech and a letter that Shackleton could use to persuade people to join his expedition. They will identify the major themes of the text and the descriptive devices used by the author.</p>	<p>Pupils will begin to think algebraically by learning all about the formation of sequences.</p>  <p>They will then progress to understanding and using algebraic notations within their work.</p>	<p>Pupils will be exploring chemical reactions. They will carefully carry out and observe a wide variety of different chemical reactions, learning how to differentiate between a chemical reaction and a physical change and recognise the signs that a chemical reaction has taken place. We will look more deeply into exothermic and endothermic reactions, oxidation, displacement and thermal decomposition reactions, using knowledge to make predictions about reactivity and investigate how to reduce rusting. Pupils will delve into the reactivity series of metals and apply their knowledge and understanding to explain why tin cans are the choice for coca cola manufacturers.</p>	<p>Pupils will learn the basics of programming through using the BBC Microbit. They will learn how to use different inputs, use variables, loops and conditional "if" statements. Pupils will also develop their resilience, learning how to troubleshoot and debug code that does not work as expected. Throughout the term they will develop a range of solutions, including a working step counter, a compass and other similar projects.</p> 	<p>Pupils will work on developing their skills and future aspirations. This includes how to be enterprising, creative, communicate, problem-solve, manage risk, lead a team and work with peers to reach a shared end goal. They will learn about a broad range of careers and the abilities and qualities required for those careers and how to identify their own career aspirations. Pupils will learn how to challenge stereotypes, prejudice and discrimination in the workplace.</p> 

Geography & History	Art & DT	PE & Music	MFL & RE
<p><u>Geography:</u> Pupils will be learning about physical geography in relation to the difference between weather and climate. They will study the main climate zones of the world, identifying the key features of each zone and where to locate them on a map. Pupils will learn about the formation of glaciers and how to interpret climate graphs. Students will use their knowledge of climate zones to discover the 8 Biomes that exist within these zones.</p>  <p><u>History:</u> Pupils will be looking at the development of castles. They will be considering what life was like living in a Medieval castle. Pupils will then look at the different defensive methods and weapons used to attack castles. From there, pupils will examine what life was like living in Medieval England, focusing in the role of the Church and Religion, Crime and punishment and The Black Death.</p>	<p><u>Art:</u> Pupils will begin to understand the fundamentals and historical context of coil pottery techniques. They will design and make a culturally influenced clay coil bowl using traditional Pueblo motifs, focussing on learning important practical techniques and how to address structural challenges involved with clay. Pupils will then decorate and evaluate the artistic and technical aspects of their finished clay coil bowls.</p> <p><u>Design Technology:</u> Pupils will design, make and evaluate a Christmas bauble. They will discuss existing designs and products to decide which elements will be used in their own products. Pupils will link the creation of Christmas baubles to the PSHE topic of Enterprise, discussing costs and profit. We will sell our finished products at the Christmas Fayre.</p> <p><u>Food Technology:</u> Pupils will understand the source, seasonality and characteristics of a broad range of ingredients. They will learn how food is processed into ingredients that can be eaten or used in cooking. Pupils will become competent in a range of cooking techniques to be able to cook a repertoire of dishes so that they are able to feed themselves and others a healthy and varied diet. They will create food dishes inspired by the winter season, Halloween, Bonfire Night and Christmas.</p>	<p><u>PE:</u> Pupils will be learning about creating and improving short dance routines with various techniques looking at improving coordination, flexibility and expression in all their dances. They will also be able to use and understand basic dance terminology and concepts, additionally, pupils will be working towards doing group dances working on improving their overall synchronization in these grouped dances.</p>  <p><u>Music</u> Pupils will learn about the origins of blues and jazz. They will look at lots of different styles of jazz and learn to play key riffs and melodies from famous pieces of music from each genre. Finally, they will learn to play a Christmas song with a jazz twist.</p> 	<p><u>MFL:</u> 'Mi Casa' - Pupils will learn how to say that they live in a house and where their home is located. They will then learn the nouns for rooms of the home. Throughout this topic, pupils will be encouraged to put all of their new language into context by integrating it with previously learnt language.</p>  <p><u>RE:</u> Pupils will study the Hindu celebration of Diwali and the Christian tradition of Christmas.</p> 