

## PUFFINS CLASS CURRICULUM – AUTUMN TERM

TERM: Autumn (Year B)	CLASS: Puffins	DATE: 9/9/2020
KEY THEME:	What secrets lie beneath our feet?	
MATHEMATICS	ENGLISH	SCIENCE
<p><b>YEAR 4</b>  <u>Place value – 4-digit numbers</u>                      Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)                      Round any number to the nearest 10, 100 or 1,000                      Count in multiples of 6, 7, 9, 25 and 1,000                      Identify, represent and estimate numbers using different representations                      Order and compare numbers beyond 1,000                      Roman numerals                      1000 more or less                      Solve number and practical problems                      Count backwards through zero to include negative numbers</p> <p><u>Calculation: Addition and subtraction</u>                      Add and subtract numbers 4 digit numbers using the formal written methods of columnar addition and subtraction where appropriate</p> <p>Estimate and use inverse operations to check answers to a calculation</p> <p><u>Measure - Perimeter:</u>                      Convert between different units of measure [for example, kilometre to metre; hour to minute]</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p>	<p><u>Speaking &amp; Listening:</u>                      Poetry recitals</p> <p><u>Writing:</u>                      This term we will be reading: The Man Who Walked Between the Towers, Robot Girl and King Kong by Anthony Browne. Pupils will be writing stories, explanations, persuasive pieces, discussion texts and reports.</p> <p><u>Reading:</u>                      Year 5 Head start - Detective story, Information Texts and Playscript                       Year 4 Head start – Adventure story, Information Texts and Classic Poetry</p> <p><u>Reading Comprehension:</u>  <i>Guided reading Cracking Comprehension age related</i></p> <p><u>Spelling:</u>  <i>Rising Stars 4 x a week</i>  <i>Literacy leaves The Man Who Walked Between the Towers</i></p> <p><u>Handwriting:</u>  <i>Penpals</i>                      Continue to develop and improve their joined handwriting.</p>	<p>YEAR 4 and YEAR 5  <i>Animals including humans</i></p> <p>Describe the simple functions of the basic parts of the digestive system in humans                      Identify the different types of teeth in humans and their simple functions                      Construct and interpret a variety of food chains, identifying producers, predators and prey                      Sort animals in to different groups                      Discuss the differences between herbivores, carnivores and omnivores</p> <p>YEAR 5                      Survival of the fittest                      Evolution of inheritance</p> <p>Investigations: research work of Anning, Darwin and Wallace.</p> <p>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.                      Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.                      Identify how animals and plants adapt to suit their environment and that this may lead to evolution.</p>
PHYSICAL & OUTDOOR EDUCATION	HISTORY	GEOGRAPHY
<p><u>Games:</u> Tag Rugby / Football  <u>Dance:</u> BBC School Radio – On the mountain: Wild weather and The trolls are coming!  <u>Games:</u> Hockey  <u>Outdoor education:</u> Orienteering  <u>Gymnastics:</u> Balancing and movement</p>	<p><u>Ancient Civilizations:</u>                      Anglo-Saxons, Vikings &amp; Scots settlement in Britain                      Who were the Anglo-Saxons and Vikings and why did they invade and settle in Britain?                      How well did the Anglo-Saxons and Vikings get on with each other?</p>	<p><u>Hills and mountains</u>                      Key Question: Why are mountains so important?                      Pupils will explore mountains in Britain and Europe and land use.                      They will have the opportunity to use appropriate equipment to help their study.</p>

RELIGION & WORLD VIEWS	ART AND DESIGN	DESIGN TECHNOLOGY & FOOD TECHNOLOGY
<p><u>Judaism: How special is the relationship Jews have with God?</u> In this enquiry, the children look at how Jews commemorate key people and key stories. They reflect on how these stories are relevant in their lives today and on the special relationship Jews believe they have with God.</p> <p><u>Buddhism: Is it possible for everyone to be happy?</u> In this enquiry, the children talk about the story of the Buddha. They consider the choices he made and the outcomes of his actions and reflect on these from a Buddhist's point of view as well as their own.</p> <p><b>Harvest Class Celebration</b></p> <p><u>Christianity: What is the most significant part of the nativity story for Christians today?</u> This enquiry investigates the significance and symbolism of elements of the Christmas story to Christians today.</p> <p><b>Christmas Class Celebration</b></p>	<p><u>Art and Design</u> Pupils will be exploring the work of a famous artist – Sir Kyffin Williams, focussing on his paintings of mountains and painting their own.</p> <p>Elements: perspective, line, colour, form, shape, texture and tone.</p>	<p><u>DT:</u> <u>Cooking and Nutrition</u> Pupils will make a savoury dish using a range of cooking techniques. They will understand and apply the principles of a healthy and varied diet. They will develop their understanding of seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p><u>Design and control</u> Design, make, program and test a "Pull Robot" using a bevel gear system.</p>
PSHE (Including RSE) & E-SAFETY	COMPUTING	MUSIC
<p><u>Health &amp; Well-being:</u> Mental well-being Staying safe First Aid Programme (TBC)</p> <p><u>RSE:</u> Respect Yourself Changes in our bodies Taking care of your body</p> <p><u>E-safety:</u> Self-image and identity Online relationships</p>	<p>Understanding computer networks including the internet HDO: Pupils can name devices and explain their purpose within computer networks</p> <p>Write programs and simulate physical systems Solar system simulation HDO: Pupils can design/debug a simulation program using abstraction using Scratch.</p>	<p>Theme: Our Community Music Focus: Pitch Play and perform in solo and ensemble contexts with increasing accuracy, fluency, control and expression. Sing (outside when able) within an appropriate vocal range with clear diction, accurate tuning, control of breathing and communicating an awareness of style.</p>
FRENCH	HOMEWORK	OTHER INFORMATION
<p>Numbers, days, greetings and commands.</p> <p>Vive le Sport Pupils will talk about their sporting interests and healthy/unhealthy food choices.</p>	<p>CGP 10 minute Weekly Workout books for their year group in: English, Maths and Times tables.</p>	<p>Bike-ability: Year 4 VALUES: Community, Sharing, Empathy and Peace. BRITISH VALUES: Democracy and respect for others. WORSHIP/PRAYER THEMES: friendship, community, sharing, prayer and advent.</p>

