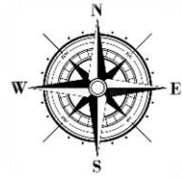




Palace Wood
PRIMARY SCHOOL



NAVIGATION



Big Question: Is there any part of our world yet to be 'discovered'? Is there a part of our world/planet where a human has never been?

YEAR 1

YEAR 2

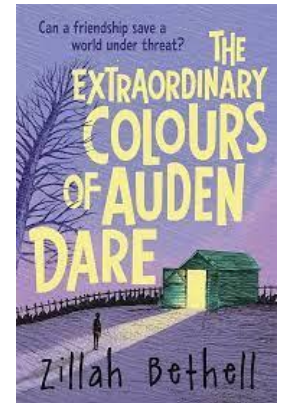
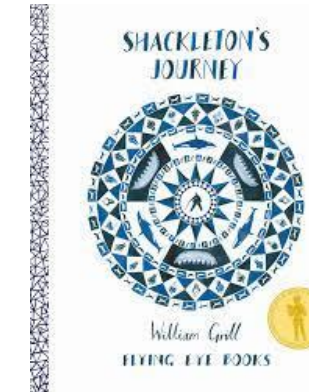
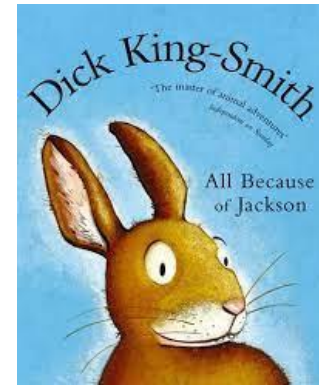
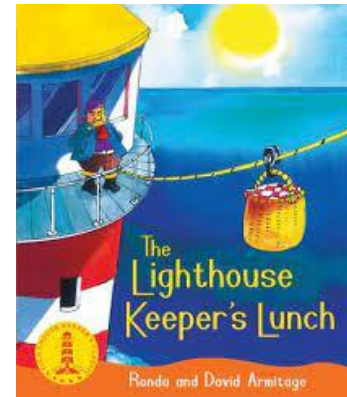
YEAR 3

YEAR 4

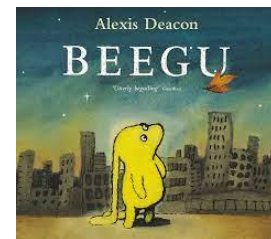
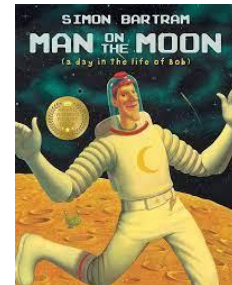
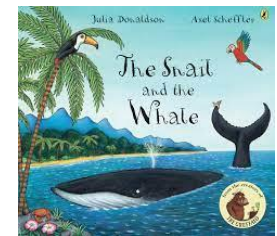
YEAR 5

YEAR 6

ENGLISH PRIMARY
TEXT



SUPPLEMENTARY
TEXTS



HISTORY AND
GEOGRAPHY

Local History
-What is/ was the River Medway used for?
-What is its purpose?
-How does a canal lock work?

Types of Travel
-How do we move around?
-What type of transport do we use to explore local areas (near, far and beyond)?

Oceans and Continents
-Where are the 7 continents located in relation to the UK?
-What are the identifying features of each continent?
-What are the 5 oceans and where are they located in relation to the 7 continents (introduction to compass points)?
-Who was Christopher Columbus?

Project
Let's Build a Compass



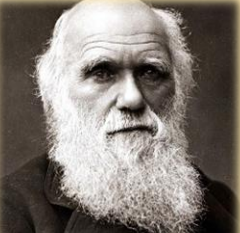


The History of the Wheel
-Who invented the wheel?
-How significant was this invention?
-In what ways did the invention of the wheel change the way we live today?
-Apart from transportation, how has the wheel been useful through history?

Ships Through the Ages
-How have ships been used through the ages?
-How has their design changed over time?
-Which events through History would not have occurred if the invention of the ship didn't come about?
Visit: Chatham Dockyard

Counties of the UK
-How many counties are there in the UK?
-What are the counties?
-Passing through all 48 counties, what is the fastest route from Cumbria to Cornwall?
The Invention of the Canal
-How important was the invention of the canal?

World War 2
-Track German invasion
-How many countries did Germany occupy during WW2?
-In what direction did the Germans travel to reach these countries?
Link: Light house of Alexandria How is this different?
Project
Map out the European German conquests on the field (Big Art

	<p>-How has our planet adapted over the last century in order to make travel more accessible? -Where have you visited? -Would you have been able to go on holiday to other countries 100 years ago?</p> <p>Project Conduct a basic traffic survey in order to find the most common forms of transport.</p>	<p>(https://www.youtube.com/watch?v=ldSG_qVF83M) Use the compass to find north. Use this to navigate around the school to find hidden objects.</p>	<p>-What is the furthest distance travelled on one wheel? How does this compare to two wheels?</p> <p>European Cycle Routes</p> <p>Track the following cycle routes through Europe</p> <p>https://weonbikes.com/en/blog/7-cycling-routes-europe-north-to-south/#1-atlantic-coast-route-11000-km-eurovelo-1</p>		<p>-How integral were canals to the industrial revolution?</p> <p>Visit: Allington Lock</p>	<p>Attack Style). Children then use red cones to demonstrate the German conquests. Use drone to capture pictures.</p>
<p>SCIENCE</p>	<p>Animals, including humans</p> <p>Describe and compare the structure of a variety of common animals?</p> <p>-Are all animals equal?</p> <p>Seasonal Changes</p> <p>-Record weather on a chart at the beginning of each day. <i>Evaluate changes at the end of the year.</i></p>	<p>Living Things and Their Habitats Explore the migration patterns of swallows.</p> <p>-Describe the habitats of swallows -Why do swallows migrate between north and south and spend their winters in Africa? -How are swallows nest different from other bird's nests? Why? -Simple food chain</p> <p>(https://www.youtube.com/watch?v=tQ0IP8kSwcA) <i>Let's make our own swallow nests</i></p> <p>-Why is mud a good material for building? -Where else is mud used as a building material?</p>	<p>Light</p> <p>-Learn about the journey of light from the sun -Recognise that sunlight can be dangerous -Understand that light is needed in order to see -Explore innovative ways in which certain civilisations used light -Use natural and artificial light to create shadows of different shapes and sizes. -How can light be used to communicate?</p> <p><i>Create a light show to ...</i></p>	<p>Sound</p> <p>-How does sound travel? -Journey to the ear -Recognise that sound gets fainter the further you are from the source -The Doppler Effect</p> <p><i>Key question: If the speakers at a music festival are only on the stage. How does this impact volume for all spectators?</i></p>	<p>Earth and Space</p> <p>-How did our ancestors use the position and movement of the sun to help them navigate? -Are the planets reliable for finding direction? Why? -How did explorers use the stars to navigate? Was this an accurate way to find direction? -How long have humans been using the stars to navigate?</p> <p>Who was Neil Armstrong?</p> <p>Visit: Herstmonceux</p>	<p>Light</p> <p>-How does light travel? -How do we see objects? -How are shadows formed? -What is the purpose of a lighthouse? How does it work?</p> <p>Electricity</p> <p>-Continue to develop understanding of circuits. -Learn to draw circuit diagrams. -Use this knowledge to include LED to lighthouse in DT.</p> <p>TRIP: South Forelands Lighthouse Dover (£3pp plus travel) -Visit the lighthouse and attend workshop. -Walk along white cliffs trail</p>

<p style="text-align: center;">ART AND DT</p>	<p style="text-align: center;">DT Project Let's Build a Car <i>Design - Build - Evaluate</i></p> <ul style="list-style-type: none"> -Design a car -Build a model -Test and evaluate 	<p style="text-align: center;">DT Project Let's Build Wheelbarrows <i>Design - Build - Evaluate</i></p> <ul style="list-style-type: none"> -Design a wheelbarrow -Build a model -Test -Adapt -Build final product <p style="text-align: center;"><i>Children to use their knowledge of compass points and maps to navigate their wheelbarrows around the school site and collecting items.</i></p>	<p style="text-align: center;">Art Study Claude Monet coastal lighthouse paintings</p> <p style="text-align: center;">TRIP: South Forelands Dover (travel cost only)</p> <ul style="list-style-type: none"> -Sketch/photograph -Use a range of media to create own coastal artwork inspired by Monet. 	<p style="text-align: center;">DT Project Let's Build a Raft <i>Design - Build - Evaluate</i></p> <ul style="list-style-type: none"> -Design a raft -Build a model -Test and evaluate <p style="text-align: center;">TRIP: Mote Park Watersports Centre (£TBCpp) Raft building activity</p> <p style="text-align: center;">Viking Long ships?</p>	<p style="text-align: center;">Art Study paintings inspired by the sky and create our own.</p> <ul style="list-style-type: none"> -Vincent Van Gogh, Starry Night -Lieve Verschuier, the Great Comet of 1680 Over Rotterdam, 1680 -Astronomy, Philipp Florinus von Pfalz- Sulzbach, 1705 -Starlight Night, Georgia O'Keeffe, 1917 	<p style="text-align: center;">DT Project Lighthouse Diorama</p> <p style="text-align: center;">-Create a lighthouse diorama based on the Luftwaffe flying close to the lighthouse.</p>
<p style="text-align: center;">MUSIC</p>	<p style="text-align: center;">Study of music inspired by travel travel <i>Grieg – In the Hall of the Mountain King</i></p>	<p style="text-align: center;">Study of music inspired by travel <i>Vaughan Williams – The Lark Ascending</i></p>	<p style="text-align: center;">Study of music inspired by travel <i>Beethoven – 6th Symphony – Pastoral</i></p>	<p style="text-align: center;">Study of music inspired by travel <i>Mendelssohn – Hebrides Overture</i></p>	<p style="text-align: center;">Study of music inspired by travel <i>Vivaldi – The Four Seasons</i></p>	<p style="text-align: center;">Study of music inspired by travel <i>Ludovico Einaudi – Seven Days Walking</i></p>
<p style="text-align: center;">RE</p>	<p style="text-align: center;">Noah's Ark</p> <ul style="list-style-type: none"> -Where did Noah build the Ark? -Why did Noah build the Ark? -How big was Noah's Ark? -Where did the Ark land? 	<p style="text-align: center;">Moses: Crossing the Red Sea</p> <ul style="list-style-type: none"> -Why did Moses part the Red Sea? -Where is the Red Sea located? -Why is the Red Sea not an ocean? 	<p style="text-align: center;">Ramayana <i>The story of Rama and Sita</i></p> <ul style="list-style-type: none"> -How long did it take for Rama to rescue Sita? Who did Rama come across during his journey? 	<p style="text-align: center;">Jacob's Journey (Genesis 28-33)</p> <ul style="list-style-type: none"> -Was Jacob a good man? -Where did Jacob come from? -Why was Jacob travelling to Egypt? <p style="text-align: center;"><i>Explore: Map of Jacob's journey to Egypt</i></p>	<p style="text-align: center;">Buddhism</p> <p style="text-align: center;">Question: What are the four most popular Buddhist pilgrimage centres?</p> <p style="text-align: center;">Why are these destinations significant?</p>	<p style="text-align: center;">The Israelites Flee from Egypt (The Exodus)</p> <ul style="list-style-type: none"> -Why did the Israelites leave Egypt? -Where did they Travel?
<p style="text-align: center;">PROJECT WEEK EACH YEAR GROUP TO STUDY A DIFFERENT EXPLORER AND PRESENT THEIR FINDINGS</p>	<p style="text-align: center;">Francis Smythe</p> 	<p style="text-align: center;">Amelia Earhart</p> 	<p style="text-align: center;">Charles Darwin</p> 	<p style="text-align: center;">Nellie Bly</p> 	<p style="text-align: center;">Ernest Shackleton</p> 	<p style="text-align: center;">Ranulph Fiennes</p> 