



Razorbills Class

Autumn 2021 Topic Web

Learning across the Curriculum

English - See English topic web

Religious Education

What does it mean to be a Muslim in Britain today?

Where, when and how did Islam start?
What helps Muslims journey through life? - 5 Pillars of Islam
Shahadah, Salah, Sawm, Zakat, Hajj

What does it mean for Christians to believe that god is holy and loving?

Who is God and what is God like?
What do churches show about what Christians believe?
Design a stained glass window that depicts something you have learnt about Christians.
How do Humanists come up with guidelines for living their lives?
Design your own 10 commandments.

Science

Fabulous Forces

Gravity
Air Resistance
Water Resistance
Friction
Marvelous Mechanisms - learning about gears and pulleys and how they reduce the force needed to move an object. Linked to DT

Mathematics

Place Value
The 4 operations (Addition, Subtraction, multiplication and division)
Fractions

Design & Technology

Mechanical Systems

Learn how to build a gea box using technical lego.
Recognise that small cogs driving bigger cogs give more power and less speed and that big cogs driving smaller cogs give more speed and less power.
Investigate adding axles.
Turn rotary power into linear power by lifting and dragging weights with your gear box.
Design brief: Make a crane that can lift a given weight in a bucket by harnessing power from the wind.

Art

3D - Clay

Create different textures in sketchbooks.
Make detailed sketches of historical artifacts.
Learn about how to create different textured effects on a clay tile using different tools.
Joining clay using scoring and slip.
Design, make and evaluate a clay Viking mask.

Subject Key Skills

Spanish

Transport

Computing

Getting to know Google Classrooms and Google apps

PE

Swimming
Dance
Badminton

PSHE

Keeping and staying safe

Peer pressure - adults and children's views

Keeping and staying healthy

Smoking - adults and children's views

Growing and changing

Puberty - adults and children's views

Music

How does music bring us together?

Celebrating a wide range of musical styles.
Skills: Listening, singing, playing, composing and performing

History

Vikings and Anglo Saxons

What was Britain like before the first Viking invasions?
Find out about the Viking invasions of Britain.
How did the Viking settlement in Britain affect the Anglo Saxons?
Why was King Alfred dubbed "Alfred the Great"?
What was life like for Vikings living in Britain?
How did England become a unified country?
How did the Anglo Saxon and Viking Era end in Britain?

Geography


Mountains

Describe what a mountain is and locate the world's "seven summits" on a map.
Describe the key features of mountains and how they are formed.
Describe the climate of mountains and explore mountain life.
Explore and locate the UK's highest mountains.
Recognise the importance of the Himalayas for the people living in the region.
Share your knowledge of a world famous mountain or a mountainous region.



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<u>Reading</u>	<u>Writing</u>	<u>Spelling, Punctuation and Grammar</u>	<u>Oracy</u>
<p><u>Books that celebrate difference</u></p>  <p><u>Biographies</u></p> <p><u>News reports</u></p> <p><u>Vocabulary</u></p> <p><u>Inference</u></p> <p><u>Predict</u></p> <p><u>Explain</u></p> <p><u>Retrieve</u></p> <p><u>Summarise</u></p>	<p><u>Fiction</u></p> <p>Stories that celebrate difference. Write about what makes you feel proud. Write a descriptive scene. Write a letter. Plan draft and edit a story based on "The Boy at the back of the class." Beowulf Summarise events in a story. Character descriptions and setting descriptions - use the descriptasaurus. Plan, draft and edit a story based on "Beowulf"</p> <p><u>Non Fiction</u></p> <p>Recounts - Races in Frozen places Write a diary entry in role. Research, plan, write and edit a newspaper recount Biographies - The Undefeated Plan and write a short biography</p> <p><u>Poetry</u></p> <p>Hope Write a metaphor poem. Write a poem inspired by "The Store of Magical Things" Use senses to help write vividly</p>	<ul style="list-style-type: none"> Expanded noun phrases Informal/Formal register. How can you make sure that your writing is suited to its audience? <ul style="list-style-type: none"> Punctuating direct speech Adverbs of possibility Modal verbs Colons, commas and bullet points to separate items on a list. Cohesion between and within paragraphs Identify and use adverbials, conjunctions, pronouns and ellipsis for cohesion within paragraphs. Examine formal language including the use of subjunctive. <ul style="list-style-type: none"> Relative pronouns Commas Colons Semi-colons 	<ul style="list-style-type: none"> Discuss and answer questions about a story Role play - giving advice to a character <ul style="list-style-type: none"> When speaking, use the correct register suited to the situation. Discuss and evaluate descriptive language Performing a piece of written work with expression and use strategies of reading aloud (such as tone, volume and different voices) to captivate your audience. Synonyms and antonyms