

Year 5 Summer 1: What a Wonderful World - Coastal Erosion

Curriculum connections

4

English

Fiction - Finding Tale

Lalani of the Distant Sea

Use a range of writing tools such as show don't tell, relative clauses, fronted adverbials and speech with action and description and power of three' to build descriptive paragraphs.

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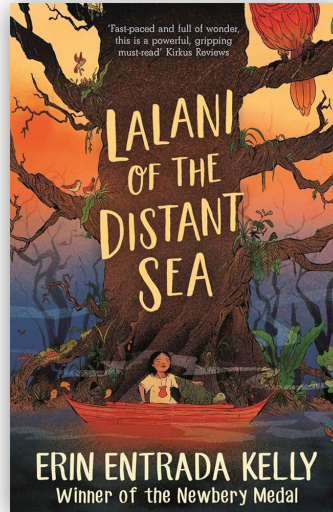
Non Fiction - Persuasive writing

Use a range of cohesive devices to link ideas within and between paragraphs including subheadings, fact, rhetorical questions and emotive language.

Include the active and passive voice.

Poetry - WaterAid poem

Use figurative language, including alliteration, personification and metaphors.



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Maths

Statistics

Draw, read and interpret line graphs.

Read and interpret two-way tables and timetables.

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Shape

Draw lines and angles accurately.

Calculate angles around a point and on a straight line.

Calculate missing angles and lengths in shapes.

Explore regular and irregular polygons and describe the properties of 3D shapes.

Position and direction

Read and plot coordinates.

Translate coordinates in all four quadrants.

Identify, describe and represent the position of a shape following a reflection or translation.

Find lines of symmetry and reflect in horizontal and vertical lines.

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Geography

Environment and coastal erosion.

Understand what causes coastal erosion, longshore drift and their effect on Walton-on-the-Naze.

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Understand what hard engineering has been deployed to protect UK coasts.

Know the geographical features of coasts that are formed due to coastal erosion.

Understand the causes of global warming and what mankind is trying to do to reduce the impact.

Compare erosion in two locations.

3

D&T

Frame structures (mechanisms):

Construct a moving fairground ride

Research and design a fairground ride (ferris wheel) to be a new attraction at Walton on the Naze.

Draw and annotate exploded diagrams of final product.

Make a fairground ride selecting from a wide range of components and tools.

Include a motor to provide movement and/code a Microbit to display a fairground-themed message.

Evaluate the effectiveness final product.

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1 Science

Animals including humans / Living things and their habitats

Describe differences in life cycles between amphibians, mammals, insects and birds.

Describe the life processes of reproduction in plants and animals, including gestation periods.

Describe the changes as humans develop to old age and draw timelines to represent this.

Identify the changes that happen during puberty.

1 Working scientifically:

Identify scientific evidence that has been used to support or refute ideas or arguments.

1 RWE

Believing: What difference does it make to believe in Ahimsa (harmlessness), Grace (the generosity of God), and Ummah (community)?

Make connections between beliefs and behaviour in different religions.

Make connections between belief in Ahimsa, Sewa, Grace and Ummah.

Outline the challenges of being a Hindu, Christian or Muslim in Britain today.

Consider similarities and differences between beliefs and behaviour in different faiths.

4 Computing

Programming Scratch

Iterate ideas, testing and changing code.

Tinker with Scratch musical elements.

Create a program with themed music. Plan and program soundtrack, including a loop.

5 Online safety:

Discuss reasons for age limits on social media applications.

3 PE

Rounders

Understand the role of batting and fielding team.

Develop and understanding of field tactics and game set up.

Understand what happens if the batter misses the ball.

6 Basketball

Develop tactics for how to win a badminton game.

Develop forehand and backhand shot.

Learn how to control the game from the beginning serve.

5 Music

Dancing in the street

Explore the upbeat Motown classic "Dancing in the Street".

Focus on listening and appraising soul and Motown music, singing with energy and style, playing instrumental parts, improvising and composing using digital tools.

Deepening understanding of pulse, rhythm and pitch.

3 PSHE

Relationships

Understand self-recognition and self-worth.

Build self-esteem - characteristics and personal qualities.

Develop safer online communities, including online gaming, social networking and gambling responsibilities.

Reduce screen time.

Dangers of online grooming. SMART internet safety rules.

Character trait: Loyalty

4 Spanish

Spanish Portraits

Use context to deduce the meaning of new vocabulary.

Select the correct vocabulary to describe a person's hair and face. Read and translate a description of a portrait.

Listen and select information from short passages to give an appropriate response.

Describe a portrait orally. Use a variety of language to describe both hair and facial features.

Create a detailed written description of a portrait based on Picasso's art work.