

Initial Hook / Wow:
Digging up a mystery object



Experience / Opportunity:
Charmouth Visit / Virtual Tour



Audience / Purpose / Product:
Create an automaton device using cams, followers and levers

English:
Theme:
We will be linking English with our topic on Evolution and inheritance, using 'Stone Girl, Bone Girl' by Lawrence Anholt and 'The Girl and the Dinosaur' by Hollie Hughes as our inspiration. Alongside this we will be reading 'When the Whales Came' by Michael Morpurgo as our class read.

Writing Outcomes:

- Narrative
- Persuasive poster
- Newspaper report linked to Mary Anning's discovery
- Poetry—tongue twisters

Key grammar focus:

- Fronted adverbials
- Subordinate and relative clauses
- Reported and direct speech
- Active and passive voice

Punctuation

- Use commas to clarify meaning or avoid ambiguity in writing
- Use brackets, dashes or commas to indicate parenthesis
- Use semi-colons, colons or dashes to mark boundaries between independent clauses

Remote Learning: Journalistic Writing
<https://classroom.thenational.academy/units/journalistic-writing-based-on-traditional-tales-0887>

Science:
Evolution and Inheritance
We will explore the theory of evolution, looking at fossils, Mary Anning and Charles Darwin. We will also look at 'kingdoms' and how animals adapt to their environment.
Remote Learning: (Year 6) - Humans and Animals Over Time
<https://classroom.thenational.academy/units/humans-and-animals-over-time-db18>

Art and Design & Technology:
This half-term we will be developing our pencil drawing skills by closely observing fossils. We will look at line and tone to create depth and detail
Then we will look at the use of cams and levers to make an automaton device.

Maths:
Four operations

- Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).
- Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.

Ratio and proportion

- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
- Solve problems involving the calculation of percentages and the use of percentages for comparison
- Solve problems involving similar shapes where the scale factor is known or can be found
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Algebra

- Solve problems with 2 unknowns

Remote learning:
<https://classroom.thenational.academy/units/extending-calculation-strategies-and-additive-reasoning-6e61>
<https://classroom.thenational.academy/units/proportion-problems-1d07>

Evolution, Inheritance and Extinction



School Value Service

Geography and History:
This half-term will be focusing on how coasts are formed and change over time (physical geography). We will look at human geography— how we use the coasts and how we protect the coast through hard and soft engineering. In addition, linking with science and history, we will explore the lives of Mary Anning and Charles Darwin.
Remote Learning: Biomes <https://classroom.thenational.academy/units/biomes-bd47>
History VIP: Mary Anning <https://classroom.thenational.academy/units/history-vip-mary-anning-by-kay-barnham-6b9b>

Religious Education:
Christianity—Agape
Remote Learning: Christianity
<https://classroom.thenational.academy/units/christianity-90fd>

Vocabulary:
evolution, adaptation, kingdom, habitat, environment, fossil, ancestor, reproduction, species, biodiversity, survive, extinct, vertebrate, invertebrate, fish, mammal, reptile, amphibian, bird, backbone, classification
stack, arch, stump, erosion, deposition

Computing:
E-Safety: I Am Healthy—Self image
Recognise how images in the media affect how we feel about ourselves.
Multimedia:
Creating weather forecasts linked to the coast using green-screening and audio devices.
Remote Learning — Video editing
<https://classroom.thenational.academy/units/video-editing-7a9a>

French:
Salut — A Weekend With Friends
Listen attentively to spoken language.
Read carefully and show understanding of words, phrases and simple writing.
Write phrases from memory, and adapt these to create new sentences, to express ideas clearly.
Remote learning: C'est moi! It's me!
<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-2/subjects/french>

PSHE:
Being my Best - SCARF Includes 5 Ways to Wellbeing; aspirations and goal setting; risk taking and safety.
Remote Learning: <https://www.coramlifeeducation.org.uk/scarf-at-home-unit-5-being-my-best-9-11-year-olds>

Music:
We will work on the Charanga unit—Music and Me. The unit focuses on listening to and learning about 4 inspirational women working in music. We will then compose and create our own raps which express our identity.
Remote Learning: Yumu—Music and Me
<https://www.somersetonline.com/site/log-in/>

Physical Education:
REAL PE - Health and Fitness—Static Balance and Co-ordination—footwork
<https://real.jasmineactive.com/login>