

Experience / Opportunity:
Fossil trail
Health Week including Sports Day



Audience / Purpose / Product:
Civic Award Independent Research

English:
Theme:
We will be linking English with our topic using 'The Girl and the Dinosaur' by Hollie Hughes.

Writing Outcomes:

- Narrative

Spelling, punctuation and grammar:

- Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- In narratives, describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action
- Use a wide range of devices to build cohesion within and across paragraphs
- Use a range of punctuation including commas, brackets, dashes, semi-colons and colons
- Use and understand grammatical terminology
- Proof-read for spelling and punctuation errors

Science:
Evolution and Inheritance
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 are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Art and Design & Technology:
Focussing on the work of Mary Anning, we will:

- Develop our sketching and shading skills
- Work on using and applying pressure, cross-hatching, stippling and scumbling to our sketches.

Maths:
Multiples, factors and primes

- Explain what 'volume' is using a range of contexts
- Describe the units used to measure volume
- Explain how to calculate the volume of a cuboid
- Explain what a cube number is
- Use their knowledge of calculating volume to solve problems in a range of contexts
- Explain how to calculate the volume of compound shapes
- Explain the use of the commutative and distributive laws when multiplying three or more numbers
- Explain the reasons for changing two-factor multiplication calculations to three-factor multiplications
- Explain what a factor is and how to use arrays and multiplication/division facts to find them
- Explain how to systematically find all factors of a number and how they know when they have found them all
- Use a complete list of factors to explain when a number is a square number
- Explain how to identify a prime number or a composite number
- Explain how to identify a common factor or a prime factor of a number
- Explain how to identify a multiple or common multiple of a number
- Use knowledge of properties of number to solve problems in a range of contexts
- Explain how to use the factor pairs of '100' to solve calculations efficiently

How do animals and landscapes change ?



The diagram on the left shows coastal erosion with labels for 'Cliff', 'Cave', 'Arch', 'Stack', and 'Mouth'. The diagram on the right shows the evolution of life from a simple organism to a human.

**School Value
Justice**

Vocabulary:

inheritance	coast
offspring	bay
variation	headland
adaptation	beach
adaptive traits	dune
inherited traits	cave
DNA	cliff
mutation	arch
environment	stack
habitat	stump
evolution	spit
species	erosion / deposition

Geography:
This half term we will focus on coasts.

- We will learn how coasts are formed and how they change.
- We will look at how humans protect coastlines.
- We will be able to explain how coasts are used by humans.
- We will look at mapping skills including the OS symbols related to coasts.
- We will compare and contrast two local coastal regions

Computing:
3D Modelling
To be introduced to the 2Design and Make tool. Explore the effect of moving points when designing.
Design a 3D model to fit certain criteria.
Refine and print a model.

French:
A Weekend with Friends
Engage in conversations and ask and answer questions
Develop accurate pronunciation and intonation so that others understand
Read carefully and show understanding of words, phrases and simple writing

Religious Education:
What do Muslim people believe about Islam and Iman?

RSHE:
Being my Best including healthy lifestyles, achievement, aspirations, resilience, growth mindset, citizenship, community, risk taking, safeguarding and media influence. We will also look at basic first aid.

Music:
We will focus on Listening, Responding, Singing and Performing looking at various pieces of music including Breathe, Stay Connected and Keeping Time.

Physical Education:
Core REAL PE - Physical / Athletics
Swimming