



### Maths- OAK ACADEMY

#### -National Curriculum strands covered

- Number—add, subtract, multiply, divide
- Fractions, percentages, decimals
- Ratio
- Algebra
- Measurements
- Geometry- shape, position, properties
- Statistics and data
- Mental maths and arithmetic skills

#### SATS week 12.5.25-16.5.25

Maths will be taught through the topic of Coasts linking the strands to as many areas as possible.

### R.E.

#### - Derbyshire Scheme

Is it better to express your religion in arts and architecture or in charity and generosity? (U2.5) What difference does it make to believe in Ahimsa, Grace and Ummah? (U2.8)

### Buxworth Values

Compassionate, trustworthy, respectful, good friend, thankful, resilient, aspirational, entrepreneurial,

### Languages

- To study a modern foreign language- using the Language Angels Scheme  
French - La Plage, habitats, weather



### PHSE and Safeguarding

Internet safety, keeping ourselves safe, respect of others, achieving goals, to imagine

### FILM Links/ Clips-

BBC coast, Blue Planet, Free Wily, Nemo, Little Mermaid, Dolphin Tale, Deep sea 3D MAX

### Geography

- Human and physical geography-investigating coastal environments, Examining erosion and deposition.
- Recognising human effect on damage the environment and geographical features.
- Investigating weather systems and climate change
- Studying maps to recognise key features man made and natural, investigating land use and changes over time
- water cycle investigation

### Reading

Class Novel/ shared text-

#### Why The Whales Came - Michael Morpurgo Kensuke's Kingdom-

#### Michael Morpurgo

To read fluently, following the text, to infer and deduce meanings from the text, to acquire a wide vocabulary and knowledge of new words.

To appreciate Coastline across the UK

### Literacy:

**Fiction- narrative-** Flashbacks, stories about the sea and coastal exploration- Recount diary entries of visits to Scilly Isles

**-Non-Fiction-** Instructional writing- how to make a wooden boat, carve a guillemot, Explanation- Of water cycle, coastal erosion, shingle or shale beaches, Non Chronological Reports- about the sea life -whales, sharks, dolphins, Journalistic writing- Newspaper reports about Coastal erosion, Narwhales arrival on Bryher, Persuasive writing - why should the whale be saved? Balanced arguments- should we ban whale hunting and fishing?

**Poetry- Poetic style** about the sea/ mammals

### Science

#### **Living things and their habitats-**

Identifying the parts of a plant and how seeds are dispersed. (Link to still life - Art). Understanding pollination, germination, fertilisation, seed production. Human life cycle with understanding the dependency that young have on adults. Compare this to animals such as whales.

**Evolution and Inheritance-** looking at fossils and the dinosaurs and the information provided

**Working Scientifically-** Gases around us.

### P.E.

- P.A.S sports—for outdoor games- football- tag rugby- netball- high fives

**Dance-** creating an underwater dance- to their music composed- representing sea soundscapes and the sounds of the coast

### Music

- **Listening and appreciation-** Cyclic patterns - exploring rhythm/ pulse - sounds whales make. Sounds of the sea and Sea shanties

- **Composition-** children will be composing a sea soundscape.

### Design and Technology:

- **Design and make-** Moving toys - making a moving whale fit for purpose

**Technical knowledge-** cam mechanisms -involving 3-D shapes.

### Educational Visit/ Themed Days

#### Blue Planet Aquarium/ Blackpool

Children to visit either Blue Planet aquarium OR Blackpool Coast line and town as part of their Coastal exploration

### Art and Design

**Observational recording and improvements-** looking at still life at the seaside.

**Work of Great artists-** Manet, Renoir, Cassett, Matisse, Hokusai.

### History

**Local history Study-** Llandudno/ Blackpool- Scilly Isles a study over time tracing how several aspects of history are reflected in the locality

A study of a site dating from a period beyond 1066 that is significant in the locality.

### ICT

- **Internet-** Investigating search engines and sites available for research linked to the seaside/whale research. Analysing data and asking questions using complex searches - Monitoring environmental conditions and changes

- **Creating Powerpoint-** whale debate  
**Multi Media-** making moving toy adverts/ coastal film