Jewell Academy
an Aspirations Academy

Year 3: Autumn Term 1 2026

Coastal Defenders

Driving Question:

What would happen if our beaches disappeared?

Launch: 🚨 **BREAKING NEWS** 🚨
THE BEACH HAS DISAPPEARED!
This morning, people arrived at the coast to discover that the beach was gone. But where did it go? Pupils become coastal detectives.

Overview:
In our new topic, we will become **Coastal Detectives and Engineers**. We will visit Hengistbury Head to explore its coastal features, rocks and rock formations, and learn how coastal erosion has changed the area over time. We will also investigate how sea defences help protect the coastline.



DT
Research existing sea defences and Create a 3D structure.

Geography
Write a persuasive letter to the local council explaining why our beaches need protecting.

English
Seal Surfer
To write a letter from the boy to his grandfather telling him about the events he has missed

RE
Exploring how water is important in the Hindu religion.

Vocabulary:

Coastal
Erosion
Clifftops
Tourism
Marine
Defence
Conservation
Sedimentary
Igneous
Metamorphic

Learning conversations to have at home:
Take a trip to Bournemouth Beach and look at the groynes on the beach as well as the cliff.
Why are the groynes in place at Bournemouth Beach and does the design of them change as you walk further down the beach? Are the groynes all made out of the same material or does this change on certain parts of the beach? Why do you think this could be? How does the cliff change as you walk along the seafront? Why do the cliffs need to be protected and what could happen if they are not?
Family challenge
Imagine that your local beach is disappearing. Talk together about:
What might happen to people?
What might happen to wildlife?
What might happen to nearby homes and roads?
What could we do to protect the beach?

Topic Home learning:
💧Create a poster/leaflet about how we can save water.
🎨 Coastal erosion poster: Create a poster showing what happens when waves erode a beach. Include a sea defence that could help protect it. For extra house point create your own sea defence model.
🪨 Rock investigation: Find and examine 3–5 different rocks. Draw them or and describe their colour, texture, hardness and appearance. Can you find out what each rock is used for?
Due on or before: Monday 19th October



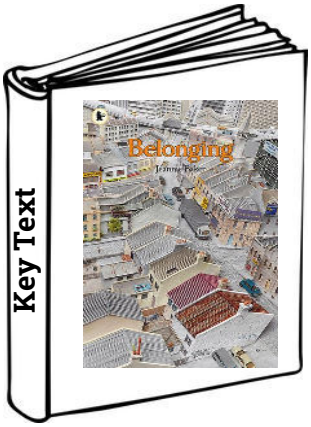
Future Careers:
We will be joined by a special visitor from Wessex Water who will share lots of examples of jobs in the water industry.

Landing:
We will be putting our own model sea defences to the test where we will see how strong they are. Parents will be invited to share in the outcomes of in our learning which we will present.

Reading
This term our key text is 'Belonging' by Jeannie Baker. Even though it has no words, we absolutely love this book! Belonging explores the re-greening of a city and the role of the community to change the environment.

What does the word belonging mean to you?

Is a book with no words still worth reading?



What is your favourite part of the story?

Which Jewell learning skills do the characters demonstrate?

English

- ★ Narrative Writing
- ★ Recount – Diary Entry
- ★ Subordinating and coordinating conjunctions

How can you help at home?

- ➔ At home or out and about, encourage children to come up with different adjectives to describe what they see.
- ➔ Create sentences using subordinating conjunctions e.g. because, however

Maths

- ★ Place Value to 1000
- ★ Adding and subtracting 1 digit and 2 digits mentally
- ★ Column method + and -

How can you help at home?

- ➔ Encourage your child to practice their times tables for 10 mins a day on TTRockstars
- ➔ When you are out shopping, ask your child to add up two numbers mentally

Science
We will be learning about different types of rocks and how they are formed.

Geography
We will be learning about and identifying human and physical features of the United Kingdom.

Music
We will be learning how to play the 🎸Ukulele as well as the 🍹Djembe Drum .

PSHE
We will be learning all about 'Being Me in My World' and setting personal challenges.

Art
We will be learning about Marcus Method who was very popular as part of the Bournemouth Arts Festival.

Computing - Coding
Pupils can arrange a block-based code in a precise, step-by-step order.By mastering these sequences, learners can perfectly time movements and animate characters to create moving scenes.

Design and Technology
We will be creating 3D structures of sea defences and testing their strength.

Physical Education
We will be having cricket coaching and learning different invasion games.

Spanish
We will be learning greetings, colours and numbers

Religious Education
We will be learning about the Hindu pilgrimage to the River Ganges.

Dates for the Diary
Thursday 17th September - Welcome to Year 3 Parent Meeting 2:45pm
Home Learning - Due on or before: Monday 19th October