

# BEACHES

Year 1

## Maths

Counting in 2's, 5's, 10's. Making arrays, doubles and equal groups. Sharing and dividing. Fractions-finding halves and quarters. Geometry-position and direction, describing turns and rotations. Measuring- time, o'clock, half-past, quarter-past and quarter to. Simple money Problems.

## Ict

Saving and filing work. Simple programming using Turtle and Scratch. Give instructions to peers to move 'robots'. Explore outcomes when buttons are pressed. Use 'debug' to correct mistakes. Begin to predict with a short sequence of instructions.

## History

Beaches and their changes through time,, including industries and sea-side holidays Grace Darling and the lifeboat association. The purpose of lighthouses. Parton beach- has it changed or not over time?

## Art and design technology

Paint coastal sunset silhouettes. Collage, design and make a 'flying seagulls' picture. Design and make an aquatic tank using 'junk.' 'Junk modelling'- make a boat. Using electrical components make a model lighthouse. Sculpture- with modelling clay, make creatures, such as dolphins, turtles, crabs or starfish. Collect driftwood and make 'works of art'.

## R.E /PSHE

Use the 5 senses to explore nature and reflect on aspects we think are beautiful. Consider our responses and attitudes. Discuss the importance of the Bible, Tripitaka and Quran- Listen to and consider some examples of Christian, Islamic and Buddhist prayer. Caring for our environment-Litter pick at Parton beach, consider simple actions to make changes. Beach and water safety.

## English

Spelling. Phase 5 phonics following 'Essential Letters and Sounds' (ELS) Reading using knowledge of segmenting, blending, syllables and punctuation. Reading comprehension. Read and listen to a range of non-fiction texts and poetry. Punctuation in writing-capital letters, full stops, question and exclamation marks, using phonic knowledge to spell words. Begin to use apostrophies in contractions. Prefixes and suffixes. More rhyme and alliteration.

## Science

Growing frogs and butterflies. Studying beach habitats and naming some aquatic creatures and plants. Describe and compare structures of some aquatic species, using Darwin's theory. Skills observing and using simple equipment to suggest scientific ideas, questions and answers. Consider why some plant life grows at the seaside. Conduct simple experiments using different soil and sand to grow plants

## Music

Listen to and appraise beach music such as My Girl by the Temptations. Relax whilst listening to sounds of waves and others sounds from beaches. Explore the glockenspiel and make beach sounds and music to create a melody. Sing a range of songs and nursery rhymes. Move in time with music.

## Geography

Discuss the differences of beaches in our local area, Uk and around the world, considering human and physical features. Consider why there are 'settlements' at some beach sites and not others. Visit Parton beach as a fieldwork investigation, noting human and physical features From a bird's eye view devise a simple beach map including a key and symbols. Using maps, globes, atlases and digital maps identify the Equator, North and South Poles, UK countries, the seven continents and 5 oceans.