

Inspire

We're going deep into an underwater world of incredible coral and mysterious sea creatures. Head to your local aquarium and learn about life in the ocean.

Discover

Can you pick a favourite fish, plant or animal? What do real divers get up to below the surface? Time to go a little deeper into our seas. What are those bright lights in the distance?

Thrive

It's a group of bioluminescent sea creatures. Look closely and create a colourful, 3-D art exhibition when you rise to the surface.

Literacy (including reading)

Intent: write for different purposes.

- We will continue exploring the book 'How to be a Viking' by Cressida Cowell.
- We will learn to identify the features of retelling a story and use this to write our own retelling of 'How to be a Viking' which we will use to inform and entertain our audience.
- For this, we will focus on expanded noun phrases and speech for dialogue.
- We will then explore writing instructions for taking care of our oceans (based on our topic Blue Abyss) for this we will revisit our previous work on instructions but use factual information. This will be written with the purpose of persuading our school to use less plastic.
- We will also be writing a non-chronological report on sea creatures which we will also write to inform and persuade our audiences.

Key vocabulary: purpose, audience, entertain, inform, persuade, adjectives, expanded noun phrases, speech marks for dialogue, retelling a story, instructions, non-chronological

Impact: we will know the structure and features of retelling a story, writing persuasive instructions and writing a non-chronological report.

Maths

Intent: develop understanding of number using different skills.

Year 3

In 'time' we will be recapping o'clock, half past, quarter past and quarter to, exploring months and years, hours in a day, telling the time to five minutes and the minute, a.m. and p.m., 24 hours, finding the duration, comparing durations, start and end times, measuring time in seconds and problem solving with time.

We will then work with properties of shape, turns and angles, right angles in shape, comparing angles, horizontal and vertical, parallel and perpendicular and recognising 2D and 3D shapes.

Year 4

In 'time' we will be telling the time to 5 minutes and to the minute, a.m. and p.m., 24-hour clock, hours, minutes and seconds, years, months, weeks and days, analogue to digital, analogue to digital - 12 hour, analogue to digital - 24 hour.

We will then be working with statistics, interpreting charts, comparison, sum and difference and introducing line graphs.

Key vocabulary: time, a.m., p.m., half past, quarter to, quarter past, seconds, years, hours, shape,

Impact: we will know how to tell the time, use properties of shape, and use and interpret statistics.

R.E.

Key question: How and why do people try to make the world a better place?

- We will identify some beliefs about why the world is not always a good place.
- We will make links between ideas about the 'Golden Rule' and different religious beliefs
- We will make links between Jewish beliefs and how people try to make the world a better place.
- We will make links between teachings about how to live and ways in which people try to make the world a better place.
- We will make links between religious teachings and ways in which Muslims try to make the world a better place.
- We will make links between non-religious ideas and ways in which non-religious people try to make the world a better place.

Key vocabulary: World, good, bad, beliefs, Muslim, Humanism, Christians, Jews,

Impact: we will use our learning to make links between religious beliefs and teachings and why people try to live and make the world a better place.

Science

Intent: to identify how sounds are made, patterns between volume and strength of vibrations produced, patterns between pitch and sound and to create sounds with our own instruments.

- We will learn to identify how sounds are made, associating some of them with something vibrating.
- We will learn find patterns between the volume of a sound and the strength of the vibrations that produced it, by performing a dramatization of how sounds travel.
- We will learn to find patterns between the pitch of a sound and features of the object that produced it, by exploring and creating musical instruments, and explaining how they change pitch.
- We will learn to recognise that vibrations from sounds travel through a medium to the ear, by making string telephones.
- We will recognise that vibrations from sounds travel through a medium to the ear, by investigating the best material for absorbing sound.

Key vocabulary: Sound, vibration, volume, Sound, vibration, pitch, high, low, loud, quiet.

Impact: we will find patterns between the pitch of a sound and features of the object that produced it, by making a musical instrument and explaining how it works

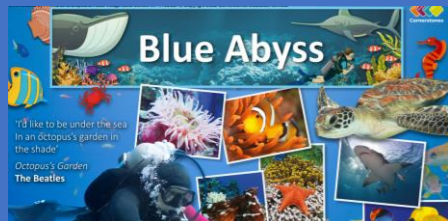
PSHE

Intent: the focus of the Changing me unit of PSHE includes content relating to relationships and sex education.

- We will understand that some of our personal characteristics have come from our birth parents and that this happens because we are made from the joining of their egg and sperm.
- We will be able to correctly label the internal and external parts of male and female bodies that are necessary for making a baby.
- We will be able to describe a girl's body changes in order for her to be able to have babies when she is an adult and that menstruation is a natural part of this.
- We will know how the circle of change works and apply it to changes we want to make in our lives.
- We will identify changes that have been and may continue to be outside of our control that we have learnt to accept.
- We will be able to identify what we are looking forward to when we move to a new class.

Key vocabulary: Sperm, egg/ovum, penis, testicles vagina/vulva, womb/uterus Ovaries, making love, having sex sexual Intercourse, fertilise, conception

Impact: we will have a deeper understanding of how humans are made, our own bodies and the changes we will go through as we grow older.



Grampound Road Curriculum maps



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Computing

Intent: branching databases

- We will complete our final email lesson from last term.
- We will then be introduced to Databases and sort objects using just YES/NO questions.
- We will explore branching databases and complete a branching database using 2Question.
- Finally, we will create a branching database of our own choice on the computer.

Key vocabulary: email, database, branch, 2Question.

Impact: we will know how to use and branch databases.

Geography

Intent: understand and name the world's oceans, their layers, features, characteristics and inhabitants.

- We will use a map to identify and locate major oceans and seas.
- We will find out about the geographical characteristics of oceans.
- We will investigate the different uses of oceans and seas.
- We will identify the layers and features and also creatures that inhabit the ocean.
- We will study and draw conclusions about places and geographical features (relating to the Great Barrier Reef).
- We will find out what a habitat is and investigate which kinds of organisms can live in a marine habitat and why.
- We will learn to identify and classify animals of the sea according to specific criteria.

Key vocabulary: Ocean, Pacific, Atlantic, Arctic, Indian, Southern, Seas, layers, animals, Great Barrier Reef.

Impact: we will know about the five oceans, the five layers of the oceans, geographical characteristics of oceans and the creatures that inhabit them.

D.T./Art

Intent: in connection with our Blue Abyss topic, make, paint and sketch various items.

In connection with our Blue Abyss topic, this term we will use a range of materials, textiles and ingredients (according to their functional properties) to:

- Design and make a fish using various materials.
- Design and make a cardboard aquarium.
- Design and make an aquatic mosaic.
- Develop our sketching skills in drawing a fish.
- Further develop our skills in colour, pattern and texture in creating a picture of Atlantis.

Key vocabulary: materials, paint, model, sea creatures, aquarium, sketch, mosaic, Atlantis.

Impact: we will apply knowledge and learnt techniques to our own designs and create various items using a range of materials.

P.E

Intent: learn the rules and skills required for striking and fielding

In striking and fielding we will:

- Learn to roll/throw and receive a ball with accuracy.
- Practice striking a ball with increasing accuracy.
- Learn to strike a bowled ball.
- Learn to intercept and stop a ball as a fielder.
- Learn to decide the most effective areas to hit the ball to score runs.
- Use all our new skills to work as a team and play a striking and fielding game.

Key vocabulary: throw, catch, intercept, strike, field, team, accurately.

Impact: we will successfully learn the skills and rules required for striking and fielding.

Music

Intent: explore a range of different sounds and songs and perform all we have learned this year.

- Each week we will reflect, rewind and listen to lots of songs, including La Quinta Estampie Real anon 13th century (Early Music), Dancing Queen by ABBA, Composers and Composition (Zoe Dixon), The Arrival Of The Queen Of Sheba - Handel (Baroque), Can't Stop The Feeling! by Justin Timberlake, Moonlight Sonata by Beethoven (Romantic), Libertango by Piazzolla, Bridal March/Chorus by Wagner (Romantic), Lean On Me sung by The ACM Gospel Choir, Rhapsody In Blue by Gershwin (20th Century), Amazing Grace sung by Elvis Presley, Einstein On The Beach by Philip Glass (Contemporary) and Let It Be by The Beatles.
- We will complete Musical Activities Reflect, Rewind and Replay which include a composition activity using the Music Explorer resource, rhythm Grid work, the Language of Music, rewind and Replay (revision) and as mentioned, revisit songs from the year.
- We will use our learning to prepare for a class performance of songs and activities from the year.

Key vocabulary: pulse, rhythm, pitch, tempo, dynamics, timbre, texture, structure, notation

Impact: gain an awareness of different sounds and songs and enjoy learning and performing multiple songs.