



Year 2 Autumn Term – Blue Planet

English

T4W Narrative - The Rainbow Fish by Marcus Pfister (*Story of Change*)

T4W Information – Animals of the Ocean

Unit 3– Poetry

This Poetry unit encourages pupils to listen to, read and respond to strong rhymes and patterns, and to explore different forms of poetry. Pupils will be encouraged to join in and enjoy playing with words, rhythm and language. Every opportunity will be used to engage pupils in ‘performance’ on their own and collaboratively, including where appropriate singing, doing actions and acting out. The rhyme and pattern structures and frames are used to support their own poetry writing. Pupils will be taught poetry terms and encouraged to use these in discussion.

Curricular aims of this unit:

- To enhance spoken language through developing enunciation skills and acquiring new and unusual vocabulary.
- To listen to, join in and appreciate poetry, identifying rhythm, rhyme and pattern.
- To recite some poems by heart.
- To explore structures and patterns and identify key information and themes.
- To watch/listen to poets reading and reciting their own work. Comment on likes/dislikes.
- To read a variety of rhymes and poems in shared, guided and independent reading. Explore similarities and differences, language and presentation.
- To use reading of poetry as a basis for writing own rhymes and poems.

Additionally, each class studies a class book during BREAK (Berkswell reads for Enjoyment and Knowledge) sessions.

This term, children in Year 2 will be reading **Osbornes First Encyclopedia of Seas and Oceans** and **Under the Sea Poems**.

The following will be taught and consolidated throughout the year:

• **Phonics and Spelling**

- Apply phonic skills to decode new words until this has become embedded and reading is fluent.
- Blend sounds to read words containing known spelling patterns.
- Read words of 2 or more syllables.
- Read words with common suffixes e.g. ing, ed, ment.
- Read common exception words for Year 2.
- Read aloud familiar books at an appropriate level.
- Reread books to build fluency.
- Segment spoken words into phonemes to attempt spelling.
- Learn different ways of spelling the same phonemes e.g. igh/ie
- Spell common exception words for Year2.
- Write simple dictated sentences that include familiar spelling patterns and common exception words.

• **Grammar and Punctuation**

- Use capital letters, commas in lists, exclamation marks, and question marks correctly.
- Write different types of sentences e.g. statements, questions, exclamations and commands.
- Write expanded noun phrases.
- Use past and present tense correctly.
- Use conjunctions such as and, but, because and or.
- Use grammar terminology for Year 2.
- Use features of standard written English.

• **Handwriting**

- Form lower case letters correctly.
- Start to use joined handwriting.
- Write letters and numbers the correct size.
- Use finger spaces consistently and accurately.

Maths

Number and place value

- Use place value and number facts to solve problems.
- Count in steps of 2, 3, and 5 from 0, and count in tens from any number, forward or backward.
- Recognise the place value of each digit in a two-digit number (tens, ones).
- Identify, represent and estimate numbers using different representations, including the number line.
- Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.
- Read and write numbers to at least 100 in numerals and in words.

Addition, subtraction, multiplication and division

- Solve simple problems with addition and subtraction using objects and pictures, including those involving numbers and measures.
- Apply increasing knowledge of mental and written methods.
- Recall and use addition and subtraction facts to 20 fluently, find out and use related subtraction facts up to 100.
- Add and subtract numbers using objects, pictures, and using mental methods, including:
 - A two-digit number and ones
 - A two-digit number and tens
 - Two two-digit numbers
 - Adding three one-digit numbers
- Show that addition of two numbers can be done in any order and subtraction another cannot.
- Recognise and use the inverse relationship between addition and subtraction to check calculations and missing number problems.

Multiplication and division

- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts.
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs
- Recognise and use the inverse relationship between multiplication and division in calculations
- Show that multiplication of two numbers can be done in any order and division of one number by another cannot

Fractions

- Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.

Measures

- Solve simple practical problems involving addition and subtraction of money.
- Choose and use appropriate standard units to estimate and measure length/height.
- Read relevant scales to the nearest numbered unit.
- Compare and order lengths and record the results using $>$, $<$ and $=$.
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value and match different combinations of coins to equal the same amounts of money; add and subtract money, including giving change.
- Compare and sequence intervals of time
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
- Know the number of minutes in an hour and the number of hours in a day.

Geometry

- Identify and describe the properties of 2-D shape, including the number of sides, corners and symmetry in a vertical line
- Compare and sort common 2-d and 3-d shapes and everyday objects.
- Order and arrange combinations of mathematical objects in patterns

Use mathematical vocabulary to describe position, direction and movement, including distinguishing between rotation as a turn and in terms of right angles for quarter, half

Statistics

- Interpret and construct pictograms, tally charts, block diagrams and simple tables.
- Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
- Ask and answer questions about totalling and comparing data and three-quarter turns (clockwise and anti-clockwise), and movement in a straight line.

Science

Living Things

Pupils classify things as living, once alive and never alive. They learn about the characteristics of living things. They look for characteristic of life in plants and establish that plants are living things.

Key Concepts

1. That objects can be classified as living things, things that were once alive and things that have never been alive.
2. That life is characterised by a series of processes that are common to all living things, including plants.

Habitats

Pupils spend time learning about familiar and unfamiliar habitats such as woodland and the seashore. They work in the classroom and outdoors to look at animals and plants and further their knowledge of the variety of life in different places. They extend their knowledge of the diets of different animals to understand about food chains.

Key Concepts

1. Different local conditions in nature are called habitats.
2. Different habitats contain different animals and plants that are suited to their habitats in different ways.
3. Plants make their own food. Some animals eat plants and some eat other animals.

Local habitats

This unit is taught across the whole year. Pupils visit the same habitats and microhabitats at different times of year and explore changes.

Key Concepts

1. That the area where living things live and feed is called a habitat
2. That within habitats there are microhabitats that support living things.

Computing

Creating Pictures

Pupils will have the opportunity to explore some of the functions and tools in 2Paint a Picture, creating work in the style of great artists and movements.

Questioning

Pupils will learn about the importance of phrasing questions and use a binary tree to sort information. Pupils will also use a database to answer simple and more complex questions.

Effective Searching

Pupils will look at the Internet, web, browsers and search engines. They will learn how to search effectively, knowing where to type in their query and how to understand the pages of results.

Geography

Our Blue Planet

Pupils use atlases to identify and name the 7 continents and 5 oceans of the world. Using oceans as their main focus, they identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles. They then study the animals that habitat the oceans at these different locations and consider how they adapt to their environment.

History

Race to the pole- Captain Scott

In this unit children develop an awareness of the lives of significant individuals in the past who have contributed to national and international achievements in the context of finding out about Robert Falcon Scott's expedition to the Antarctica.

Music

Hands, Feet, Heart

Hands, Feet, Heart is a song written for children to celebrate and learn about South African Music. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise different styles of South African music.

Ho, Ho, Ho!

The learning is focused around one song: Ho Ho Ho - a Christmas song. Children will listen & appraise other styles of music and continue to embed the interrelated dimensions of music through games, singing and playing.

Religious Education

Understanding Christianity: Gospel

What is the good news that Jesus brings?

Pupils will recall stories from the Gospels, learning that Christians believe Jesus brings good news for all people. They will explore the ways in which Christians follow Jesus' teachings about forgiveness and peace.

Understanding Christianity: Incarnation

Why does Christmas matter to Christians?

Pupils will learn that Christians believe that Jesus is God and that he was born as a baby in Bethlehem. They will recall the story of Jesus' birth from the bible and explore the different ways in which Christians celebrate His birth.

Art

Creatures of the ocean.

Pupils will explore the diversity of plants and animals in the ocean, focusing on colour, pattern and shape. They will be introduced to a variety of different artistic techniques including sculpture, leading to final pieces of artwork that represent different creatures of the ocean.

Design and Technology

Moving Pictures – Sliders and Levers

Pupils will explore existing moving pictures and then try out a range of different sliders and levers. The project will culminate with the pupils designing a moving picture, using the sea as a starting stimulus, for a class book.

French

Pupils are introduced to basic French phrases and key vocabulary through the use of songs and games.

Physical Education

Real PE - Unit 1

The children will develop the following fundamental movement skills:

Cardio - Coordination – floor movement patterns.

Cool Down - Static balance – One leg standing.

During these sessions the additional ability focus will be personal skills.

Real PE - Unit 2

The children will develop the following fundamental movement skills:

Cardio - Dynamic balance to agility.

Cool Down - Static balance – seated.

During these sessions the additional ability focus will be social skills.

Gymnastics

The children will learn to perform shapes, balances and jumps using various apparatus.

Jungle Yoga

Children will learn some basic yoga poses and relaxation techniques. They will make up their own yoga story using the yoga poses they have learnt.

Space Dance

Children will learn to perform different dance movements moving with control, at different levels and in different directions.

PSHE- The Jigsaw Approach

Jigsaw brings together PSHE Education, emotional literacy, mindfulness, social skills and spiritual development. Jigsaw is designed as a whole school approach with all year groups working on the same theme (Puzzle) at the same time.

The children will cover two themes (puzzles) this term:

Being Me in My World

This covers a wide range of topics including a sense of belonging, welcoming others and being part of a school community, a wider community, and a global community; it also looks at children's rights and responsibilities, working and socialising with others, and pupil voice.

Celebrating Difference

This focuses on similarities and differences and teaches about diversity, such as disability, racism, power, friendships, and conflict; children learn to accept everyone's right to 'difference' and explore the concept of 'normal'. There is a big focus on bullying, learning what it is and what it isn't and developing strategies for dealing with it effectively.