Newchurch Community Primary School - Share in our learning…Year 3 Spring A

English:

Big Blue Whale
Nicola Davies
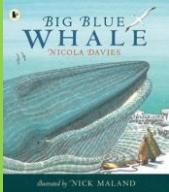
Big Blue Whale by Nicola Davies is an educational picture book that vividly explores the life of the blue whale, the largest animal ever, using sensory details and facts about its immense size, diet (krill), migration, life cycle (birth, nursing), and sounds, all brought to life with Nick Maland's striking illustrations, aiming to foster wonder and connection with nature, especially highlighting the whale's vulnerability.

This Morning I Met A Whale
Michael Morpurgo
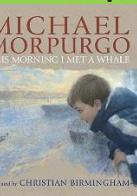
A fictional account of the day a whale swam up the Thames, in which the whale makes an environmental plea to the boy who first sees him. At sunrise, young Michael spots a whale on the shores of the Thames and thinks he must be dreaming. But the creature is real and it has a message for him – one that only an open-minded child can deliver to the rest of the world.

Writing:
We will be using our class texts to focus on the following targets in our grammar and writing:

- Form nouns with a range of prefixes
- Use present and past tenses correctly and consistently including progressive and present perfect forms
- Use inverted commas to punctuate direct speech (using dialogue to show relationship between characters)
- Build a varied and rich vocabulary

Mathematics:
Along with our arithmetic and calculation skills we will be looking at the following areas of the curriculum:

Year Three		
Week	Unit	Expectations
1	Place Value	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) Recognise the value of each digit in a 4-digit number and the value of a tenth
2	Addition and subtraction	Add and subtract numbers mentally, including: a three-digit number and 1s, a three-digit number and 10s, a three-digit number and 100s Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction Estimate the answer to a calculation and use inverse operations to check answers Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction Add and subtract numbers with any number of digits using formal written methods
3	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects Know all multiplication facts up to 10 x 10 and be able to instantaneously answer questions such as, how many 7s in 42?
4	Fractions	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators Find fractional values (from ½ to 1/10)of amounts up to 1000
5	Measurement	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Measure the perimeter of simple 2-D shapes Add and subtract amounts of money to give change, using both £ and p in practical contexts Use knowledge of number to solve problems related to money, time and measures Measure, compare, add and subtract more complex problems using common metric measures set out in Kg,gms; Kl,litres; Km and metres, etc.
6	Properties of Shape	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them Recognise angles as a property of shape or a description of a turn Identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle Identify horizontal and vertical lines and pairs of perpendicular and parallel lines Know that the total internal angles of a triangle measure 180° and can measure each

Science:
Our scientific studies will focus on **Forces and Magnets**
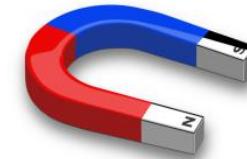
Through our study of Forces and Magnets the children will compare how things move on different surfaces. Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance. Observe how magnets attract or repel each other and attract some materials and not others. Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials. Describe magnets as having 2 poles and predict whether 2 magnets will attract or repel each other, depending on which poles are facing

Useful websites:
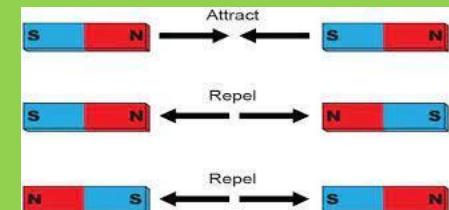
Physical Education:

In PE we will be looking at Hi – Five. The children will be learning to use a range of skills to help them keep possession and control of the ball. Pass and receive the ball, keeping control and possession consistently. Make progress towards a goal. Make good decisions during a game and know how to use space effectively. Identify what they do best and what they found most difficult. Recognise players who perform well in their teams and give reasons why they are successful.

Art:

Our third unit is **Printing** and will reflect on the work of the artist Friedensreich Hundertwasser.

We will be looking at Relief and impressed printing. Recording textures/patterns. Mono-printing and colour mixing through overlapping colour prints

Useful websites: https://hundertwasser.com/en

Geography: Why do people live near volcanoes?

The children will be looking at how volcanoes form and their impact on the planet. They will also use their comparison skills to consider how life near volcanoes is different than the place where they live. They will also use atlases to identify where volcanoes form on the Earth's surface.

Useful websites:
https://www.bbc.co.uk/bitesize/articles/zfhf3j6

History: Early civilisations

The children will be comparing the achievements and cultures of the earliest civilisations on the planet. They will look at the location of their development and position them on a timeline whilst drawing reasoned conclusions about their achievements.

Useful websites:
https://www.bbc.co.uk/teach/class-clips-video/articles/zfp6gwx

Religious Education:
Christianity (Jesus)

In RE, we will be looking at the importance of the life of Jesus to Christians. The children will study the main teachings of Jesus, what symbolism is used to describe him and his life and how modern Christians shape their lives on his teachings.

Useful websites:
https://www.bbc.co.uk/bitesize/articles/zn2jxg8

Music: Pentatonic melodies and composition

The children will be looking at the ways in which songs and constructed and the part various instruments and voices play in their performance. They will study scales and will construct these in a range of ways.

Useful websites:
https://www.youtube.com/watch?v=SowmI62Nuoc

PSHE:	Languages:	Computing:
Living in the wider world	**Animals I like and don't like**	**Digital Literacy:**
This half term the PSHE will focus on a range of. different topics including; The value of rules and laws. Recognising and understanding our rights, freedoms and responsibilities. How the internet is used. Assessing information online Exploring different jobs and Skills. Recognising and challenging job stereotypes. Setting personal goals	This half term we will be looking at epiphany celebrations and animals around us. The children will learn how to name the animals and also describe their feelings in sentences orally.	During this unit the children will know how to use the internet. Analyse information and make accurate searches. Understand the need for copyright and the consequences of ignoring it. Be aware of what I should be sharing online and where to go for help if I need it. Understand that I cannot trust everyone I talk to online, that I should be a good digital citizen and where to go for help if something upsets me online. Explain what bullying is and know where to go for help. Understand the impact technology can have on my health, well-being and lifestyle. Know who I should be sharing information with and how to keep my data secure. Understand the term identity and I can take appropriate measures to protect my own online identity