



Blue Planet
Year 3
By the end of this unit children will know...
• How to accurately locate the world's oceans and continents. • What an ocean current is. • And identify warm and cold currents on a map. • Simple connections between ocean temperature and weather. • Comparing weather patterns in different parts of the world. • How to use maps, diagrams and geographical vocabulary to communicate their understanding. • How to ask and answer geographical questions using evidence.

Intent	Implementation	Impact	Celebrate
To develop pupils' understanding of the world's oceans and how they influence weather and climate. Pupils will learn that oceans are constantly moving through waves, tides and currents, and that ocean currents can transport warm and cold water around the planet. They will explore how the movement of ocean water can affect temperatures, rainfall and weather patterns in different parts of the world.	Learning will be delivered through a combination of practical investigations, map work, discussion, videos, diagrams and independent activities.	By the end of the unit, pupils will be able to explain, using age-appropriate geographical vocabulary, how ocean currents move and how warm and cold currents can influence weather patterns	Create a world map showing major ocean currents and produce a short explanation of how one warm or cold current can affect the weather of a nearby region. Creating a collaborative piece of artwork using items found at the local washpool to highlight the plight of pollution in our streams, rivers, lakes, and oceans.

Core Subjects: Links to theme
English
- Biography based on The Write Stuff – we will be following the life of Grace Darling and then writing our own on conservationist, Jess French. - Book Talk: The Iron Man
Mathematics
Place Value with numbers up to 3 digits. Count in steps of 50 and 100. 10 more and 10 less, 100 more and 100 less. Ordering numbers. Tenths. Horizontal, vertical and parallel lines, 3D shapes – properties.
Science
Sc3/2.2a identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat Sc3/2.2b identify that humans and some other animals have skeletons and muscles for support, protection and movement
Computing
Computing systems and networks – connecting computers

Blue Planet: Year 3: Knowledge Content	
Personal Development	Foundation Subjects
Spiritual	History & Geography
Christianity What is it like for someone to follow God?	Geography: - Locate and name the world's oceans and continents. - Understand what an ocean current is. - Identify the difference between warm and cold ocean currents. - Explore how ocean currents can influence weather and climate. - Understand that weather patterns can vary between different parts of the world. - Develop geographical vocabulary, including <i>ocean current, warm current, cold current, climate, weather, temperature, rainfall, wind</i> and <i>equator</i>. - Use maps, globes and simple diagrams to communicate geographical information
Moral	Art & Design and Design Technology
Being me in my world Rules, rights and responsibilities Seeing things from other perspectives	Art & Design: - Design their own world map showing the major currents - Create a collaborative piece of art showing how pollution can be made into art to relay a message
Social	Music and Languages
Meet the brain unit from MyHappyMind	Music: Composition & Performance – using musical instruments compose and perform in groups German: Colours
Cultural	Physical Education
How is plastic changing life for ocean dwelling creatures	Gymnastics and Ball Skills

Core Subjects:
English
Simple sentences with extra description. Some complex sentences using when, if, as etc. Tense consistent e.g. modal verbs can/will Adverbials: e.g. When she arrived at the scene, the doctors told her exactly what happened.
Mathematics
Place Value with numbers up to 3 digits. Count in steps of 50 and 100. 10 more and 10 less, 100 more and 100 less. Ordering numbers. Tenths. Horizontal, vertical and parallel lines, 3D shapes – properties.
Science
I can classify a variety of foods into different food groups. I can carry out my own research to find out what foods different animals eat, and record my findings. I can generate questions to investigate to find out what pets eat. I can gather data in a tally chart and convert the results into a pictogram. I can use data to draw conclusions and find the answer to my question
Computing
Explain how digital devices function Identify input and output devices Recognise how digital devices can change the way we work Explain how a computer network can be used to share information Explore how digital devices can be connected Recognise the physical components of a network

Blue Planet: Year 3 : Links to National Curriculum Framework Skills
Foundation Subjects
History & Geography
<u>Geography:</u> • Accurately locating the world's oceans and continents. • Explaining what an ocean current is. • Identifying warm and cold currents on a map. • Making simple connections between ocean temperature and weather. • Comparing weather patterns in different parts of the world. • Using maps, diagrams and geographical vocabulary to communicate their understanding. • Asking and answering geographical questions using evidence.
Art & Design and Design Technology
<u>Art and Design:</u> • Research and design a piece of informative work around the ocean's currents • Create a piece of collaborative work to highlight the problems plastic has in all waters • Use colour and mood reflected by their design
Music and Languages
<u>German:</u> • 10.1 talking sports • 10.2 enjoying the outdoors • 10.3 healthy eating <u>Music:</u> • Play and perform in solo and ensemble contexts with an instrument – the recorder
Physical Education
Chase rolling ball, through legs, chase and collect facing opposite direction. Squat 90° angle at knee Sit in a dish shape and hold Full front support and transfer cone On a line and low beam balance with feet pick up and knee raise and then catch and throw ball Can walk with knees and elbow 90° and heels up Jump 2 feet to 2 feet 180°, tuck and tucked 180° Counter balance with short base and then 1 handed Both feet/hands kick a ball at a partner in a rally Move ball around leg, then back and alternate legs

Core Subjects:
English
Write a biography on Jess French Create a fact file on the currents of the oceans. Read and answer questions about our Book Talk book, 'The Iron Man' by Ted Hughes.
Mathematics
CanDoMaths end of unit quiz to assess knowledge.
Science
I can label a diagram of the human skeleton. I can use a variety of sources of information to find out how invertebrates protect themselves and report my findings. I can ask and answer questions about muscles. I can make different movements with my body and explain which muscles I am using.
Computing
Understand what an input and output is Recognise a computer network is made up of a number of devices Can demonstrate how information is passed between devices Identify how devices in a network are connected together

Blue Planet: Year 3 : Core Skills/Assessment Opportunities
Foundation Subjects
History & Geography
<u>Geography:</u> produce a short explanation of how one warm or cold current can affect the weather of a nearby region.
Art & Design and Design Technology
<u>Art and Design:</u> - Research and design their own piece of informative art - Create a piece of collaborative art - Use colour and tone
Music and Languages
<u>German:</u> Languagenut Units: 10.1 talking sports 10.2 enjoying the outdoors 10.3 healthy eating <u>Music:</u> Play and perform in solo and ensemble contexts with an instrument – the recorder
Physical Education
Can squat at 90 degree angle at knee; sit in a dish shape and hold; on a line and low beam balance with feet pick up and knee raise and then catch and throw ball; can walk with knees and elbow 90° and heels up Jump 2 feet to 2 feet 180°, tuck and tucked 180°

English

Text Type	Text Structure	Sentence	Useful Vocabulary	Word Classes	
Biography	Clear introduction. Organised into paragraphs shaped around key events. A closing statement to summarise the overall impact.	Simple sentences with extra description. Some complex sentences using when, if, as etc. Tense consistent e.g. modal verbs can/will Adverbials: e.g. When she arrived at the scene, the doctors told her exactly what happened.	During his/her early life... Soon afterwards... Sometimes he... Strangely... One of the most remarkable facts about... His/her greatest achievement was...	Noun: Form nouns using prefixes. Nouns and pronouns used to avoid repetition. Verbs: Present perfect forms of verbs instead of 'the' Adjectives: Choose appropriate adjectives. Connectives/conjunctions: Express time and cause (when, so, before, after, while, because) Tense: Correct and consistent use of past and present tense. Adverbs: Introduce/revise adverbs. Express time and cause; then, next, soon	

Mathematics

Number	Calculation	Fractions	Shape & Measure	Data
Represent 3-digit numbers Recognise the value of digits in 3-digit numbers Partition 3-digit numbers in different ways Read 3-digit numbers in words and write using numerals Read 3-digit numbers in numerals and write in words Read 3-digit numbers in words and write using numerals including zero as a place holder Read 3-digit numbers in numerals and write in words, including zero as a place holder Identify 3-digit numbers on a number line Represent 3-digit numbers on a number line Building Stronger Problem Solvers Count in steps of 50 and 100 from zero Count up in steps of 10 from any 2 or 3-digit number Count back in steps of 10 from any 3-digit number Count up in steps of 100 from any 2 or 3-digit number Count back in steps of 100 from any 3-digit number Building Stronger Problem Solvers Find 10 more than a given number Find 10 less than a given number Find 100 more than a given number Find 100 less than a given number Compare any two 3-digit numbers Order 3-digit numbers with different hundreds Order 3-digit numbers with the same hundreds Order 3-digit numbers Building Stronger Problem Solvers Find tenths of whole numbers and express as fractions and decimals Count up in tenths and position them on a number line Count down in tenths and position them on a number line Building Stronger Problem Solvers			Identify and draw horizontal lines Identify and draw vertical lines Identify and draw parallel lines Identify and draw perpendicular lines Draw common 2D shapes Name and describe 3D shapes Make 3D shapes using modelling materials Building Stronger Problem Solvers Building Stronger Problem Solvers End of Term Assessment: Remember It!	