



Blue Planet
Year 6
By the end of this unit children will know...
- Children will learn about a conservation issue and research it in depth; form campaign teams with roles (research, communications, data). - Be able to talk about the work of activists such as Greta Thunberg. - Learn and use the data analysis basics (averages, trend spotting, data display). - Analyse fieldwork data, draw conclusions and link to wider issues (ecosystem health). - Present the data/finding and use persuasive language in both speech and letter form. - Celebrate the life of David Attenborough

Intent	Implementation	Impact	Celebrate
- To build strong subject knowledge through memorable, well-sequenced experiences. - To develop pupils' confidence in ethical debate, evidence-based reasoning and persuasive communication. - To ensure pupils experience purposeful fieldwork, community engagement and action that gives their learning authenticity.	- Direct teaching of key knowledge, vocabulary and concepts. - Enquiry-led learning through debate starters, structured investigations, fieldwork and research tasks. - Collaborative project work that culminates in persuasive outputs, exhibitions, presentations and pupil-led action.	- Pupils can recall and apply key Topic knowledge, explain environmental issues clearly and use evidence to support their views. - Pupils demonstrate secure fieldwork skills, accurate data handling and the ability to draw sensible conclusions. - Pupils increasingly communicate with confidence, and adapt their message for different audiences and purposes.	Class Assembly is on: Thursday 8th October @ 2:45pm Year 6 lead the Blue Planet Showcase — guided tours, talks, Q&A with parents and governors; collect visitor pledges.

Core Subjects: Links to theme
English
Book Talk – The Ghost of Grania O'Malley. English – Persuasive speech and letter. Deliver speeches in end of term showcase and send letters to local counsellor.
Mathematics
• Number and Place Value • Decimals • Multiplication and Division • Geometry
Science
Classifying Organisms • To be able to group organisms according to their characteristics. • To be able to classify plants. • To learn what micro organisms are.
Computing
Computing systems and networks - Communication

Title of Topic: Year : Knowledge Content	
Personal Development	Foundation Subjects
Spiritual	History & Geography
How does a Christian live?	• Full fieldwork session offsite or on school grounds; pupils are lead data collectors. • Analyse fieldwork data, draw conclusions and link to wider issues (ecosystem health). • Learn about ocean dilemmas (overfishing, marine reserves)
Moral	Art & Design and Design Technology
Use the HEART values explicitly: attach one HEART value to each class pledge or action (e.g., Respect – “I will not drop plastic near water”).	• To create a piece of art that incorporates an endangered sea creature, such as the blue whale, and single use plastic images using water colours/mixed media. • Create climate change/save our oceans posters.
Social	Music and Languages
My Happy Mind – meet the Brain.	<u>Music</u> Trumpet lessons <u>German</u> Draft and write a Pen Pal letter in German to their new Pen Pal.
Cultural	Physical Education
Select a conservation issue to research in depth; form campaign teams with roles (research, communications, data).	• Fundamental skills, balancing and coordination. • Swimming

Core Subjects:
English
Use expanded noun phrases to convey complicated information concisely Use modal verbs. Use a wide range of conjunction Information is prioritised according to importance. Complex noun phrases used to add detail e.g. the dilapidated fencing around the enclosure was extremely dangerous.
Mathematics
Recognise value of digits in 7-digit numbers • Compare and order numbers up to 10,000,000 • Round whole numbers • Multiply and divide decimals by 10, 100, 1000. • Formal written methods of multiplication and division • Co-ordinates, translation of simple shapes, reflection in a mirror line.
Science
• Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. • Give reasons for classifying plants and animals based on specific characteristics
Computing
Understand how to use a search engine and describe how they select results • Explain how search results are ranked • Recognise how we can communicate online • Evaluate different methods and safety of communicating online

Title of Topic: Year : Links to National Curriculum Framework Skills
Foundation Subjects
History & Geography
Select suitable sources of evidence, giving reasons for choices. Use dates and terms accurately in describing events. describing events. Use appropriate historical vocabulary to communicate e.g. legacy, continuity. Use original ways to present information and ideas.
Art & Design and Design Technology
Develop and imaginatively extend ideas from starting points throughout the curriculum. Collect information, sketches and resources and present ideas imaginatively in a sketch book. Choose a style of drawing suitable for the work. Combine colours, tones and tints to enhance the mood of a piece
Music and Languages
Play and perform using musical instruments with increasing accuracy, fluency, control and expression • Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians • Improvise and compose music for a range of purposes using the inter-related dimensions of music • Broaden vocabulary and develop the ability to understand new words that are introduced into familiar written material, including through using a dictionary (German)
Physical Education
Develop strength, technique, control and balance • Swim using a variety of efficient strokes • Swim at least 100m • Scull confidently • Link sequences of floats • Apply skills to mini games • Perform self-style rescue in a variety of situations

Core Subjects:
English
- Children will write a persuasive focusing on the key features. - Children will use their speech to write letters to a local councillor
Mathematics
- Daily assessment through live marking and 'do, secure, deepen' approach - End of unit quizzes to assess what children have learnt from each unit.
Science
- End of unit assessment - Plenarys
Computing
- Children will create a leaflet which demonstrates how to communicate safely and responsibly online - End of unit assessment

Title of Topic: Year : Core Skills/Assessment Opportunities
Foundation Subjects
History & Geography
- Write a persuasive speech/letter - Produce and use raw data and photographic evidence for portfolios - Analyse fieldwork data, draw conclusions and link to wider issues (ecosystem health). - Be able to discuss plastic pollution and its effects on Marine Biology
Art & Design and Design Technology
- Design a Save our oceans/climate change posters - Create a piece of art incorporating an endangered sea creature and plastic pollution visuals
Music and Languages
- Children will play and perform using musical instruments with increasing accuracy, fluency, control and expression – children will make connections between pieces of music. - Children will create appropriate sounds for an action sequence. - Children will draft and translate a letter to their new Pen pal introducing themselves and discussing hobbies, interests and family
Physical Education
Children can swim using a variety of efficient strokes to at least 100m.

English

Text Type	Text Structure	Sentence	Useful Vocabulary	Word Classes	
Speech	Letter well constructed that answers the reader's questions. The writer understands the impact and thinks about the response. Information is prioritized according to importance and a frame of response set up for the reply.	Verb forms are controlled and precise e.g. It would be helpful if you could let me know as this will enable us to take further action. Modifiers are used to intensify or qualify e.g. insignificant amount, exceptionally Sentence length and type varied according to purpose. Fronted adverbials used to clarify writers position e.g. As a consequence of your actions... Complex noun phrases used to add detail e.g. the dilapidated fencing around the enclosure was extremely dangerous. Prepositional phrases used cleverly. e.g. In the event of a fire...	Please do not hesitate to contact me... An early response would be greatly appreciated... Please accept my... I wish to express... The impact of... Despite continued efforts... Subsequently...	Noun Expanded noun phrases to convey complicated information concisely. Verbs Use modal verbs. Prefixes for verbs; dis, de, mis, over, ise, ify. Convert adjectives in verbs using suffixes; ate, ise, ify. Adjectives Choose appropriate adjectives Connectives/conjunctions Use a wide range of connectives. Tense Change tense according to features of the genre. Adverbs Link ideas across a text using cohesive devices such as adverbials.	

Mathematics

Number	Calculation	Fractions	Shape & Measure	Data
• Represent 7-digit numbers • Recognise the value of each digit in a 7-digit number. Compare and order numbers up to 10,000,000 • Round whole numbers to different degrees of accuracy. • Calculate intervals across zero. • Identify the value of digits in decimal numbers • Multiply and divide decimals by 10, 100 and 1000 • Multiply decimals with up to 2dp by a 1-digit number	• Find common multiples of two numbers • Find common factors of two numbers • Identify prime numbers • Multiply a 4-digit number by a 2-digit number using long multiplication • Divide and 3 or 4-digit number by a 2-digit number using a formal written method with no remainders and/or remainders expressed as fractions or decimals		• Use co-ordinates to describe the position of a point in all four quadrants • Use co-ordinates to plot the position of a point in all four quadrants • Draw and translate simple shapes • Carry out a reflection using one of the axes as a mirror line	