| NOT BOLLON PCHOOL | Autumn 1  | Autumn 2  | Spring 1   | Spring 2  | Summer 1  | Summer 2  |  |  |
|-------------------|---|---|--|---|---|---|--|--|
| CYCLE 2           | The Blyton cum Laughton Church of England Primary School curriculum has been designed with reading at the heart of it.<br>We believe that reading is the key to all learning and that reading opens the mind to our own world and worlds beyond!<br>Our curriculum is based around high quality books that are carefully chosen, with learning designed to link concepts, enabling learners to reach their potential. By sharing<br>the books that will be the focus, we are enabling children, parents and carers the opportunity to explore the books for themselves and become part of their own or their<br>child's learning.   |   |  |   |   |   |  |  |
|                   | Christian Value:<br>Friendship  | Christian Value:<br>Courage   | Christian Value:<br>Hope   | Christian Value:<br>Thankfulness                    | Christian Value:<br>Compassion  | Christian Value:<br>Trust                                   |  |  |
|                   | How can we be friends of the world?   | Do you have to be big to be<br>bold?                                    | Where do we find the light of the world?   | What are we thankful for<br>in a world of conflict? | Sympathy or empathy?  | Do we need inner strength to trust in ourselves and others? |  |  |
|                   | The Origin of the Species   |   | The Storm Keeper's Island  |   | Who Let The Gods Out?   |   |  |  |
| 9                 | A the<br>File bulk<br>File bulk<br>Fil | oriela davas<br>Visita<br>SPECIES<br>Visita                             |  |   |   |   |  |  |
| Year 5/6          | ARTE STATE  | DARWIN'S RIVAL<br>HOULDON'S RIVAL<br>HOULDON'S RIVAL<br>HOULDON'S RIVAL | Contraction of the second seco |   |   |   |  |  |
|                   | Main Book: The Island at the End of Everything by Kiran Millwood<br>Hargrave<br>Supporting Books: Charles Darwin on the Origin of the Species by<br>Sabina Radeva<br>Charles Darwin & the Beagle Adventure by A J Wood<br>Alfred Russell Wallace: Darwin's Rival and the Search for Evolution<br>by Christiane Dorion & Harry Tennant   |   | Main Book: The Storm Keeper's Island by Catherine Doyle<br>Supporting Books: Island by Mark Janssen<br>The Mousehole Cat by Antonio Barber & Nicola Bayley<br>Nature's Light Spectacular by Katy Flint and Cornelia Li   |   | Main Book: Who Let the God's Out by Maz Evans<br>Supporting Books: Mythologica by Steve Kershaw & Victoria Topping<br>Greek Gods & Heroes by Sylvie Baussier & Almasty<br>Wilma Unlimited by Kathleen Krull |   |  |  |
|                   | <b>Experiences and Inspirations</b><br>Tropical Butterfly House<br>Visit a wildlife park<br>Spend time observing wildlife in your garden or park<br>Visit Woodside Falconry   |   | <b>Experiences and Inspirations</b><br>Take a trip to the coast<br>Create a treasure hunt for a younger sibling in sand<br>Make a candle (with permission)   |   | <b>Experiences and Inspirations</b><br>Visit the Lincoln University Human Performance Unit<br>Visit Bempton Cliffs<br>Year 6 Residential<br>Watch Wilma's Races on YouTube (with permission)                |   |  |  |

| <ul><li>Writing focus:</li><li>Writing to entertain</li><li>Writing to inform</li></ul>  | <ul><li>Writing focus:</li><li>Writing to entertain</li><li>Writing to explain</li></ul> | <ul> <li>Writing focus:</li> <li>Writing to inform(discursive)</li> <li>Writing to entertain</li> </ul>   | <ul><li>Writing focus:</li><li>Writing to persuade</li><li>Writing to entertain</li></ul>  | <ul><li>Writing focus:</li><li>Writing to inform</li><li>Writing to entertain</li></ul>   | <ul><li>Writing focus:</li><li>Writing to entertain</li><li>Writing to inform</li></ul> |
|--|--|---|--|---|---|
| Writing to inform     Writing to explain     Themes:     At the start of a new year, we travel with Darwin and Audubon to     discover nature in remote places of the world. The island of     Galapagos will be our destination to explore fossils and consider     adaptation and evolution. The journey will help us discover many     geographical terms to help with our navigation. Like Darwin, we will     begin to develop sketchbooks to show our discoveries. |  | Themes:<br>In Spring, we travel to the island of Ara<br>wonderful 'The Storm Keeper's Island' a<br>the home of The Mousehole Cat - to lea<br>learning about light and designing and<br>Storm Keeper.<br>Viking raids to coastal towns will be our<br>Later in the term and inspired by the St<br>inspire our science as we investigate re<br>open their ears to the beauty of sea-sha | and the county of Cornwall –<br>arn about coastal life. We'll be<br>making candles inspired by the<br>r historic focus.<br>form Keepers, candles will again<br>versible changes. Children will | Themes:<br>To begin the Summer Term we trave<br>through the mythical 'Who Let the G<br>Greeks influenced the modern work<br>art using a range of materials.<br>In the final term of the year we focus<br>ahead to the next Olympic Games. | ods Out'. We'll consider how the<br>and learn how to create Greek                       |

# Working Scientifically

# **Statutory Requirements:**

During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- using test results to make predictions to set up further comparative and fair tests
- reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations identifying scientific evidence that has been used to support or refute ideas or arguments.

**Book: Brilliant** 

Wonderful

Women by

Aitziber

Lopez &

Luciano

Luzano

Ideas by

# Science:

The requirements in Term 1 and 2 will be taught with some flexibility. Y6 Evolution and inheritance Focus scientists: INNOVATOR Rosalind Franklin and EXPLORER Charles Darwin

-recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago -recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents -identify how animals and plants are adapted to suit their environment in different ways and

Science: 2 Y6 Living things and their habitats Focus scientist: EXPLORERS Linnaeus, Audobon and Alfred Russell Wallace

> -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 -pupils work scientifically by: exploring the work of scientists and scientific research (Linnaeus/ Audobon/Russel Wallace)

Science: Y6 Light Focus scientist: INNOVATOR Katherine Burr Blodgett (noned reflective glass)



 recognise that light appears to travel in straight line
 use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye

-explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to eyes

-use the idea that light travels in straight lines to explain why

Science: Y5 Properties and changing materials Focus Scientist: INNOVATOR Dmitri Ivanovich Mendeleev

(Periodic Table) Book: Super



-compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity, [electrical and thermal] and

response to magnets -know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution (salt from water) -use knowledge of solids, liquids and gases to decide how mixtures Science: Y6 Electricity Focus scientists: INNOVATORS Thomas Edison/Lewis H Latimer & Marie Van Brittan Brown (Domestic surveillance system) Books: Edison by Torben Kuhlmann Brilliant Ideas by Wonderful Women by Aitziber Lopez &

opez & Bland Tino



Luciano Luzano

-associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit -compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches

### Science:

Y6 Animals including humans Focus scientist: INNOVATORS Thales (the first scientist) & Pythagoras (vegetarian) Book: Super

Scientists: 40 Inspiring Icons by Anne Blanchard & Tino



-identify and

name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood -recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function (e.g. modern day drug testing for performance) -describe the ways in which nutrients and water are transported within animals, including humans -Pupils work scientifically by: exoring the work of scientists and

| evolution Sooks: When E the Whales by  | Book:<br>Sensational<br>Butterflies<br>by Ben<br>Rothery | shadows have the same shape as<br>the objects that cast them<br>-extend experience of light by<br>looking through a range of<br>phenomena including rainbows,<br>colours on soap bubbles, objects<br>in water and coloured filters<br>(make a pinhole camera) | might be separated, including<br>through filtering, sieving and<br>evaporating (filter clean water)<br>-demonstrate that dissolving,<br>mixing and changes of state are<br>reversible changes (candle)<br>-explain that some changes result<br>in the formation of new<br>materials, and that this kind of<br>change is not usually reversible,<br>including changes associated with<br>burning and the action of acid on<br>bicarbonate of soda | -use recognised symbols when<br>representing a simple circuit in a<br>diagram  | scientific research about the<br>relationships between diet,<br>exercise, drugs, lifestyle and<br>health (e.g. comparing 'healthy<br>drinks and energy bars')<br><b>Y5 Animals. Including humans:</b><br>-describe the changes as humans<br>develop to old age                    |
|--|--|---|--|--|---|
| Nick Hayes Ant/Design & Technology: To treate a sketchbook incorporating a range of artistic techniques and inspired by the natural world and use them to review and revisit ideas To improve the mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay). Book: The Lost Words by Robert Macfarlane & Jackie Morris Design & Technology: Christmas Industry Week: Design, make and evaluate a product to sell at the Christmas Fayre |  | Art/Design &<br>Technology:<br>Textiles: Batik cloth<br>Focus Artist: Sarkasi Said<br>Experiment with a range of<br>media to overlap and layer<br>creating interesting colours and<br>textures and effects  | Art/Design &<br>Technology:  | ideas through discussion, annotate<br>exploded diagrams, prototypes, par<br>design.<br>MAKING: Select from and use a wid<br>components, including construction<br>aesthetic qualities<br>PRODUCT & EVALUATION: evaluat<br>against their own design criteria an<br>improve their work | elop, model and communicate their<br>d sketches, cross-sectional and<br>ttern pieces and computer-aided<br>der range of materials and<br>n materials, properties and<br>e their own ideas and products<br>d consider the views of others to<br>nderstanding of how to strengthen, |

| <b>Computing:</b><br>Y6: Graphic Design<br>INNOVATOR: Charles Babbage  | <b>Computing:</b><br>Y6: Programming in Scratch<br>INNOVATOR: Alan Turing   | Computing:<br>E-Safety 9-11  | <b>Computing:</b><br>Y5: Sphero Programming  | <b>Computing:</b><br>Y6: Machine Learning and<br>Artificial Intelligence   | Computing:<br>Y6 Web Design  |
|--|---|--|--|--|--|
| Geography:<br>Place Knowledge:<br>Understand geographical<br>similarities and differences<br>through the study of human and<br>physical geography of a region of<br>South America: Galapagos<br>IslandsIslandsBook:<br>Island: A<br>Story of the<br>Galapagos<br>by Jason<br>ChinScientists of<br>the Wild:<br>Galapagos<br>by Helen<br>Scales &<br>Romolo<br>D'Hipolito | Geography:<br>Human and Physical Geography:<br>Describe and understand key<br>aspects of: Volcanoes<br>(Galapagos Islands have been<br>created by volcanoes)<br>Books: Island: A Story of the<br>Galapagos by<br>Jason Chin<br>Earth<br>Shattering<br>Events by<br>Robin Jacobs<br>& Sophie<br>Williams<br>Geographical<br>skills and fieldwork<br>Focus: South America<br>Use the eight points of a<br>compass, four and six-figure grid<br>references, symbols and key<br>(including the use of Ordnance<br>Survey maps) to build their<br>knowledge of South America | Geography:<br>Locational knowledge:<br>Locate Cornwall/ Arranmore<br>Island/ Ireland using maps of<br>Europe<br>Place Knowledge:<br>Understand geographical<br>similarities and differences<br>through the study of human and<br>physical geography of a region of<br>Galapagos Islands and<br>Arranmore/Cornwall<br>Book:<br>Maps of<br>the United<br>Kingdom<br>by Rachel<br>Dixon &<br>Livi Gosling | Geography:   | Geography:<br>Locational knowledge:<br>Locate Greece, using maps and<br>globes.  | Geography:<br>Locational Knowledge:<br>Prime/Greenwich Meridian and<br>time zones (including day and<br>night)<br>Book: At the<br>Same Time<br>Around the<br>World by<br>Clotilde Perrin<br>Human and<br>physical<br>geography: describe and<br>understand key aspects of<br>physical geography: Earthquakes |
| History:   | History:  | A depth stur<br>invasion: for  | Viking raids and invasions<br>Voyagers by Jack Tite<br>dy linked to the Viking Raids and<br>cusing on Sweyn Forkbeard who<br>le on Christmas Day, 1001 years | History:<br>Ancient Greece: A Study of Greek I<br>influence on the western world<br>Term 6 Focus: Olympics and health  |  |
| <b>Religious Education:</b><br>Humanism compared with Christianity   |   | Religious Education:<br>Lincolnshire Agreed Syllabus<br>Being Human – Hinduism/Islam<br>How do Hindus reflect their faith in<br>How might a Hindu seek to achieve<br>What does the Qur'an teach Muslir<br>others?<br>How do Muslim teachings guide the   | moksha?<br>ns about how they should treat  | Religious Education:<br>Lincolnshire Agreed Syllabus<br>Forgiveness<br>Religious/non-religious beliefs about forgiveness: examples of<br>religious festivals/practices/stories that focus on saying sorry and<br>asking for forgiveness. |  |

| Languages:<br>To link with the study of people<br>making discoveries around the<br>world, children will learn<br>countries of the world and some<br>of their geographical features,<br>annotating maps accurately.<br>They will explore the links<br>between numbers, enabling<br>them to predict larger numbers.<br>On y va – around the world<br>(geographical links, e.g.<br>countries, river, forest)<br>Numbers 1-100  | Languages:<br>Inspired by Darwin and his<br>contempories, children will learn<br>the names of animals in<br>particular habitats. They will use<br>their knowledge of colours to<br>describe the animals and<br>habitats, describing scenes from<br>photographs and art, in writing<br><i>Les animaux – les habitats</i><br><i>Traditional story: La petite poule</i><br><i>rouge</i><br>https://www.slideshare.net/rubi<br>ales/la-petite-poule-rouge-<br>1477729   | Languages:<br>Children will extend their<br>vocabulary knowledge by<br>learning the vocabulary for<br>clothing, describing them with<br>adjectives. They will link this to<br>the knowledge in term 1, looking<br>at traditional clothing word in the<br>different countries around the<br>world.<br>Les vetements  | Languages:<br>Children will develop their<br>knowledge of French artists by<br>describing some recognisable<br>French artworks using the French<br>language. They will reinforce<br>their knowledge of subject/verb<br>agreement, and describe using a<br>range of adjectives, noting their<br>position within the sentence.<br>Interpreting the artists | Languages:<br>Children will develop their<br>vocabulary of sports and<br>pastimes, expressing their<br>preferences. Through surveying<br>others in the class about their<br>preferences, they will convey<br>their findings both orally and in<br>writing.<br>Vive le sport<br>Hobbies and pastimes  | Languages:<br>Y6 children will prepare for<br>transition of others pupils to their<br>classroom by giving a guided tour<br>to the Y5's, playing the role of<br>guide and interpreter. They will<br>prepare for their own transition<br>by learning the vocabulary for the<br>different school subjects.<br>A l'ecole<br>Dans la classe |
|---|---|---|--|--|--|
| Music:<br>Young Voices: Play and perform<br>in solo and ensemble.<br>Listen with attention to detail<br>and recall sounds with increasing<br>aural memory<br>Appreciate and understand a<br>wide range of high-quality live<br>and recorded music drawn from<br>different traditions and from<br>great composers and musicians:<br>The Lost Words<br>South American   | Music:<br>Young Voices: Play and perform<br>in solo and ensemble.   | Music:<br>Young Voices: Play and perform<br>in solo and ensemble.<br>Focus composer: Benjamin<br>Britten (BBC Teach – ten pieces)   | Music:<br>Appreciate and understand a<br>wide range of high-quality live<br>and recorded music drawn from<br>different traditions and from<br>great composers and musicians:<br>Lyrics - Only the Ocean by Jack<br>Johnson<br>Sea Shanti   | Music:<br>Leaver's Performance   |  |
| <b>PE</b><br>Invasion games (Hockey)<br>Use a range of different skills for<br>invasion games, with control,<br>consistency and confidence.<br>Apply basic principles of team<br>play to keep possession of the<br>ball; use marking, tackling and/or<br>interception to improve their<br>defence. Understand how to<br>work as a team effectively to<br>make it difficult for opponents.<br>Understand how skills from<br>different sports cross over and<br>can be applied to other sports. | PE<br>Invasion Games/Inclusive<br>Sports*<br>Use a range of different skills for<br>invasion games, with control,<br>consistency and confidence.<br>Apply basic principles of team<br>play to keep possession of the<br>ball; use marking, tackling and/or<br>interception to improve their<br>defence. Understand how to<br>work as a team effectively to<br>make it difficult for opponents.<br>Understand how skills from<br>different sports cross over and<br>can be applied to other sports<br>*Indoor Kurling, Sit-down<br>Volleyball and Goalball | PE<br>Dance<br>Develop a broad range of skills,<br>learning how to use them in<br>different ways and link them to<br>make actions and sequences of<br>movement. Increase confidence<br>with this and work creatively on<br>their own, with a partner and in a<br>group to compose simple dances.<br>Swim competently, confidently<br>and proficiently over a distance<br>of at least 25 metres.<br>Use a range of strokes effectively<br>Perform safe self-rescue in<br>different water-based situations. | PE<br>Netwall (Table Tennis/Tennis)<br>Be able to forehand, backhand,<br>volleys and serves with<br>confidence within games.<br>Understand how some<br>techniques cross over between<br>similar sports and also how some<br>differ. Use basic tactis within<br>games.  | PE<br>Striking/Fielding<br>(Cricket/Rounders)<br>Strike a bowled ball with<br>precision. Use a range of fielding<br>skills, e.g. catching, throwing,<br>stopping, intercepting, all with<br>control and consistency. Bowl<br>with good technique, accuracy,<br>speed and consistency.<br>Implement a range of tactics in<br>games with success. Understand<br>how different tactics and skills<br>used within striking and fielding<br>apply to a range of sports. | PE<br>Athletics/Fun Games<br>Developing their technical<br>understanding of athletic activity.<br>Learn how to improve their<br>performance in a range of<br>running, jumping and throwing<br>activities. Thinking about how to<br>achieve the greatest speed,<br>height, distance and accuracy.                                       |

# PSHE:

## Health & Wellbeing (Courage)

H17. which, why and how, commonly available substances and drugs (including alcohol, tobacco and 'energy drinks') can damage their immediate and future health and safety; that some are restricted and some are illegal to own, use and give to others

### Living in the Wider World (Trust)

L13. about the role money plays in their own and others' lives. including how to manage their money and about being a critical consumer

**L14.** to develop an initial understanding of the concepts of 'interest', 'loan', 'debt', and 'tax' (e.g. their contribution to society through the payment of VAT) **L15.** that resources can be allocated in different ways and that these economic choices affect individuals. communities and the sustainability of the environment across the world

Health & Wellbeing (Courage) **H22.** strategies for keeping safe online; the importance of protecting personal information, including passwords, addresses and the distribution of images of themselves and others H23. about people who are responsible for helping them stay healthy and safe; how they can help these people to keep them healthy and safe

PSHE:

City by

Sydney

Smith

H23 Book: Small in the MALL IN THE CIT

H24. the responsible use of mobile phones: safe keeping (looking after it) and safe user habits (time limits, use of passcode, turning it off at night etc.)

**H25.** how to manage requests for images of themselves or others; what is and is not appropriate to ask for or share; who to talk to if they feel uncomfortable or are concerned by such a request.

### Living in the Wider World (Friendship)

**L16.** what is meant by enterprise and begin to develop enterprise skills (Industry Week)

# PSHE:

Relationships (Compassion) **R16.** to recognise and challenge stereotypes **R17.** about the difference between, and the terms

associated with, sex, gender identity and sexual orientation



**R18.** how to recognise bullying and abuse in all its forms (including prejudice-based bullying both in person, online and through social media)



R18 Book: Small Things by Mel Tregonning

R16 & 17

Julian is a

Mermaid

by Jessica

Love

Book:

PSHE:

# Relationships (Friendship)

**R19.** that two people who love and care for one another can be in a committed relationship and not be married or in a civil partnership



**R20.** that forcing anyone to marry is a crime; that

support is available to protect and prevent people from being forced into marriage and to know how to get support for them self or others

**R21.** to understand personal boundaries; to identify what they are willing to share with their most special people; friends; classmates and others; and that we all have rights to privacy

> (SRE) Health & Wellbeing (Courage)

H18. how their body will, and their emotions may, change as they approach and move through puberty H19. about human reproduction

Living in the Wider World (Trust) L17. to explore and critique how the media present information

L17 Book: Humpty Dumpty Lived Near a Wall by Derek Hughes & Nathan Christopher

**PSHE:** 

L18. to critically examine what is presented to them in social media and why it is important to do so; understand how information contained in social media can misrepresent or mislead; the importance of being careful what they forward to others

**PSHE:** 

# Health & Wellbeing (Courage) **H20.** about taking care of their

body, understanding that they have the right to protect their body from inappropriate and unwanted contact; understanding that actions such as female genital mutilation (FGM) constitute abuse and are a crime, and develop the skills and strategies required to get support if they have fears for themselves or their peers

### Living in the Wider World (Trust)

**L5.** to know that there are some cultural practices which are against British law and universal human rights, such as female genital mutilation (FGM)