

Bishop Pursglove Primary School

Class plan - Ruby Cycle B



Britain at War

History



Frozen Kingdoms

Geography



Sow, Grow and Farm

Geography

Planned term	Autumn Term 2022	Spring Term 2023	Summer Term 2023
Suggested text	Goodnight Mister Tom – Michelle Magorian	The Wolf Wilder - Katherine Rundell	The Secret Garden - Frances Hodgson Burnett
Memorable experience	War museum. [Bees, Beetles and Butterflies] - Collecting images. [Distortion and Abstraction] - What is abstract art?. [Make Do and Mend] - Make Do and Mend campaign	Polar expedition. [Inuit] - Inuit art. [Environmental Artists] - Exploring environmental art. [Engineer] - Bridges and engineers	Allotment visit. [Line, Light and Shadows] - Line up!. [Nature's Art] - Working outdoors. [Eat the Seasons] - Seasonality
Innovate challenge	Memorial books. [Light Theory] - Let's investigate focus: Planning and carrying out. [Evolution and Inheritance] - Let's investigate focus: Planning and carrying out. [Bees, Beetles and Butterflies] - Insect-inspired artwork. [Distortion and Abstraction] - Creating Orphism-style art. [Make Do and Mend] - Mrs Sew and Sew's challenge	Discovering the Arctic. [Inuit] - My print. [Environmental Artists] - Creating environmental art. [Electrical Circuits and Components] - Designing and making programmable home devices. [Engineer] - Designing and making a prototype bridge	Market gardeners. [Line, Light and Shadows] - Creating artwork with line, light and shadows. [Nature's Art] - Creating an installation. [Eat the Seasons] - Seasonal soups. [Human Reproduction and Ageing] - Let's investigate focus: Reporting and concluding
English	Persuasive posters; Historical narratives; Nonets	Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives	Non-chronological reports; Diaries; Leaflets; Balanced arguments
Geography	Place and interconnections; Maps	Arctic and Antarctic regions; Lines of latitude and longitude; Polar climates; Polar day and night; Polar oceans; Polar landscapes; Climate change; Natural resources; Indigenous people; Tourism	Land use in the UK; Allotments; Farming in the UK; Maps; Grid references; Climate zones; Physical features of North and South America; Farming in North and South America; Food transportation
History	First and Second World Wars; Causes; Warring nations; Weaponry, warfare and technology; Key events and battles; Impact on citizens and everyday life; Significant leaders; End of war; Local history study; Remembrance; Post-war Britain	Polar exploration; Significant people – Robert Falcon Scott; Ernest Shackleton; Significant events – Titanic	Dig for Victory



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Art and design

[Bees, Beetles and Butterflies] - Using sketchbooks; Observational drawing; Mixed media collage; Pop Art. [Distortion and Abstraction] - Abstract art; Abstraction by line, colour and shape; Significant artists - Pablo Picasso, Robert Delaunay and Sonia Delaunay; Orphism

[Inuit] - Printmaking; Carving. [Environmental Artists] - Environmental art; Recycled, reused and repurposed materials

Still life. [Line, Light and Shadows] - Continuous line drawing; Significant artists - Pablo Picasso and Rembrandt; Shading techniques; Drawing on black paper; Black and white photography. [Nature's Art] - Land art; Natural materials; Relief sculpture; Installations

Science

[Light Theory] - Light facts; How light travels; Light, sight and the human eye; Visible light; Perceiving colour; Shadows; Reflections; Plane, concave and convex mirrors; Measuring light; Refraction; Working scientifically - Identifying and classifying, Comparative tests, Pattern seeking, Research. [Evolution and Inheritance] - Five kingdoms, microorganisms and viruses; Classifying fossils; Theory of evolution and evolutionary tree diagrams; Inheritance and variation - continuous and discontinuous variation; Natural selection and survival of the fittest; Adaptations in birds' beaks; Adaptations in plants; Artificial selection; Testable hypothesis; Working scientifically - Identifying and classifying, Comparative test, Pattern seeking, Research

Classifying living things; Classification keys; Adaptation; Investigations. [Electrical Circuits and Components] - Series circuits; Circuit components; Recognised circuit symbols; Investigating circuit components; Electric current; Voltage; Researching cells and batteries; Investigating voltage changes; Working scientifically - Identifying and classifying, Pattern seeking, Comparative test, Research

Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming. [Human Reproduction and Ageing] - Animal life cycles; Stages and processes; Classifying mammals; Mammalian life cycles; Interpreting scatter graphs; Human life cycle; Human gestation stage; Human juvenile stage; Human adolescent stage; Puberty; Venn diagrams; Interpreting line graphs; Human sexual reproduction; Human ageing; Working scientifically - Observing changes over time, Identifying and classifying, Pattern seeking, Comparative test, Research

Computing

[Environmental Artists] - Video editing software. [Electrical Circuits and Components] - Programming; Animating LEDs; Introducing repeats; Sensors and monitoring

Design and technology

[Make Do and Mend] - Investigating clothing; Sewing - running stitch, whip stitch and blanket stitch; Repairing clothes; Making products from recycled materials

[Electrical Circuits and Components] - Sensors and monitoring; Designing and making home devices; Incorporating programming and circuits in products. [Engineer] - Significant engineers and bridges; Features of bridges; Strengthening techniques; Iterative design; Building prototypes

Seasonality. [Eat the Seasons] - Cooking; Nutrition

Personal, social and health education

Debating topical issues