



Kingsway Community Primary School

Class plan - Year 6 Cycle A



Britain at War **History**

Companions

- Light Theory **Science**
- Distortion and Abstraction **Art and design**
- Make Do and Mend **Design and technology**
- Evolution and Inheritance **Science**
- Bees, Beetles and Butterflies **Art and design**

Planned term

Autumn

Suggested text

Goodnight Mister Tom – Michelle Magorian

Love to Read

Christmas Carol

Personal, social and health education

Being me in my world Celebrating difference

Memorable experience

War museum. [Distortion and Abstraction] - What is abstract art?. [Make Do and Mend] - Make Do and Mend campaign. [Bees, Beetles and Butterflies] - Collecting images

Innovate challenge

Memorial books. [Light Theory] - Let's investigate focus: Planning and carrying out. [Distortion and Abstraction] - Creating Orphism-style art. [Make Do and Mend] - Mrs Sew and Sew's challenge. [Evolution and Inheritance] - Let's investigate focus: Planning and carrying out. [Bees, Beetles and Butterflies] - Insect-inspired artwork

Mathematics

Integers and decimals; multiplication and division; calculations problems; fractions and decimals; percentages with fraction and decimal equivalence

Art and design

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

Geography

Place and interconnections; Maps

Religious education

Is Christianity still a strong religion 2000 years after Jesus was on earth? Do Christmas celebrations and traditions help people understand who Jesus was and why Christians believe He was born?

Design and technology

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

English

Older literature; film narrative; letters; formal and informal writing; playscripts; newspaper reports; poetry

Computing

Networks; project games in scratch Digital Literacy: Self image and identity; online relationships

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

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



Frozen Kingdoms **Geography**

Companions

- o Electrical Circuits and Components **Science**
- o Inuit **Art and design**
- o Engineer **Design and technology**
- o Environmental Artists **Art and design**

Planned term

Spring

Suggested text

Shackleton's Journey

Love to Read

Treasure Island

Personal, social and health education

Dreams and goals Healthy Me

Memorable experience

Polar expedition. [Inuit] - Inuit art. [Engineer] - Bridges and engineers. [Environmental Artists] - Exploring environmental art

Innovate challenge

Discovering the Arctic. [Electrical Circuits and Components] - Designing and making programmable home devices. [Inuit] - My print. [Engineer] - Designing and making a prototype bridge. [Environmental Artists] - Creating environmental art

Mathematics

Decimals and measures; missing angles and lengths; coordinates and shapes; statistics; proportion problems

Art and design

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

Geography

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

Religious education

Does belief in Akhirah (life after death) help Muslims lead better lives? Could the Buddha's teachings make the world a better place?

Design and technology

[Electrical Circuits and Components] - Sensors and monitoring; Designing and making home devices; Incorporating programming and circuits in products. DT Day (6 hours) [Engineer] - Significant engineers and bridges; Features of bridges; Strengthening techniques; Iterative design; Building prototypes

English

Adventure and mystery; stories with historical settings; instructions; recounts; letters; biography and autobiography; journalistic writing; debate/argument; poetry

Computing

Interactive VR; Greenscreen special effects Digital Literacy: Online reputation; online bullying; managing online information

History

Polar exploration; Significant people – Robert Falcon Scott; Ernest Shackleton; Significant events – Titanic

Science

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



Maafa **History**

Companions

- o Circulatory System **Science**
- o Colour and Style **Art and design**
- o Food for Life **Design and technology**
- o Our Changing World **Geography**
- o Trailblazers, Barrier Breakers **Art and design**

Planned term

Summer

Suggested text

The Other Side of the Truth

Love to Read

The Secret Garden

Personal, social and health education

Relationships Changing me

Memorable experience

Exploring Africa today. [Food for Life] - Exploring processed foods. [Trailblazers, Barrier Breakers] - Exploring trailblazers

Innovate challenge

Inspirational black Britons. [Circulatory System] - Let's investigate focus: Reporting and concluding. [Food for Life] - Designing and making a healthy meal. [Trailblazers, Barrier Breakers] - Inspired artwork

Mathematics

Revision and consolidation

Art and design

[Tints, Tones and Shades (Y6)] - Colour theory; Colour wheel; Mixing tints, shades and tones; Landscapes. [Trailblazers, Barrier Breakers] - Significant black artists; Analysing artwork; Creating artwork with meaning

Geography

Africa – countries, land use, natural resources, location, settlements, population, climate and physical features. [Our Changing World] - Features of Earth including the Arctic and Antarctic Circles; Time zones, Latitude and longitude; Map scale; Grid references, contours and symbols; Climate change, extreme weather and people; Worldwide trade; Natural resource management; Road safety; Fieldwork; Settlement patterns; Local enquiry

Religious education

What is the best way for people who follow their faith to show commitment? Is anything ever eternal?

Design and technology

[Food for Life] - Whole foods; Processed foods; Making healthy meals; Hygiene and safety

English

Stories from other cultures; stories that raise issues and dilemmas; persuasive texts; letters; diary; extended lists; newspaper reports; poetry

Computing

Podcasting; AR interactive screen Digital Literacy: Privacy and security; health wellbeing and lifestyle; copyright and ownership

History

Ancient African kingdoms; Development of the transatlantic slave trade; Britain's role in the slave trade; Human impact; Everyday life on plantations; Rebellion and marronage; Causes and consequences of the abolition of the slave trade and slavery; Colonisation of Africa; Black people in 20th century Britain; Race Relations Act; Equality Act; Significant black Britons; Multiculturalism

Science

[Circulatory System] - Bodily systems; Circulatory system – role and main parts; Heart – structure and function; Blood – components and functions; Blood vessels – structure and function; Measuring heart rate; Proving a hypothesis; Heart rate investigation; Classifying foods; Effects of smoking, alcohol and drugs; Heart rate recovery investigation; Working scientifically – Identifying and classifying, Comparative test, Pattern seeking, Research

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