

# Reigate Park Primary Academy

## Class plan - Year 6 Cycle A



## Maafa **History**

### Companions

- Tints, Tones and Shades (Y6) **Art and design**
- Food for Life **Design and technology**
- Our Changing World **Geography**
- Trailblazers, Barrier Breakers **Art and design**
- Circulatory System **Science**

### Suggested text

Freedom - Catherine Johnson. [Our Changing World] Windrush Child - Benjamin Zephaniah Black and British - David Olusoga Africa and the Slave Trade - Dan Lyndon The Story of Slavery - Sarah Courtauld The Extraordinary Life of Mary Seacole - Naida Redgrave Young, Gifted and Black - Jamia Wilson Africa, Amazing Africa - Atinoke

### Memorable experience

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

### Innovate challenge

Inspirational black Britons. Food for Life - Designing and making a healthy meal. Trailblazers, Barrier Breakers - Inspired artwork

### Literacy

To Entertain - A setting description- arriving on the Windrush To entertain - character description - Leonard To Entertain - Diary entry (based on the book Windrush Child by Benjamin Zephaniah) To Inform: Non chronological Report - The Circulatory System To discuss - Why should Britain be ashamed of slavery? to inform - leaflet - Food and Diet importance

### Mathematics

Place Value Addition and subtraction Number - multiples, factors and prime numbers Multiplication and division Geometry - circles and angles Measures Multiplication and division Fractions - comparing, ordering and simplifying Decimals Order of operations Geometry 2D and 3D shapes Geometry - perimeter, area and volume

### 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

### Computing

Online Safety Networks Coding

### Religious education

Beliefs and Practices Christmas

### 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

### Design and technology

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

### 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

### 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

### Music

Charanga - Happy Charanga - Classroom Jazz 2

### Physical education

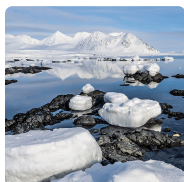
Improving our Fitness Net and Wall Games - Tennis Athletics Outdoor Adventurous Activities

### Personal, social and health education

Living in the Wider World - Rules and Responsibilities Health and Well-Being - Changes, including Loss

### English

Newspaper reports; Persuasive letters; Non-chronological reports; Acrostic poems



# Frozen Kingdoms Geography

## Companions

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

## Suggested text

Shackleton's Journey - William Gill The Call of the Wild - Jack London Polar Climates - Cath Senker Climate Change - Dorling Kindersley How To Survive in the Arctic and Antarctica - Louise Spilsbury Titanic - DK Eyewitness Ice Trap - Meredith Hooper Winter Magic - Abie Elphinsone Soap Carving for Children of all Ages - Howard K. Suzuki Caring for the Environment - Georgia Amson-Bradshaw The Inuit Thought of It - Alooook Ipellie

## Memorable experience

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

## Innovate challenge

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

## Literacy

To Entertain - Adventure narrative To Entertain- Setting/character description To Inform - Newspaper report- explorer lost in the Arctic To Persuade - Letter about climate change

## Mathematics

Number - negative numbers Addition and subtraction Multiplication and division Fractions Shape - reflections and co-ordinates 4 Rules Decimals - multiplying and dividing Percentages, decimals and fractions Algebra Measures - area and volume Statistics - line graphs Pie Charts Ratio and proportion

## 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

## Computing

Spreadsheets Online Safety: Online Reputation Blogging Online Safety: Health, Wellbeing and Lifestyle

## Religious education

Beliefs and Meaning Beliefs and Moral Values

## Art and design

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

## Design and technology

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

## 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

## History

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

## Music

Charanga - A New Year Carol Charanga - You've Got a Friend

## Physical education

Gymnastics Invasion Games - Tag Rugby Gymnastics Invasion Games - Football

## Personal, social and health education

Relationships Education - Healthy Relationships Health and Well-Being - Aspirations

## English

Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives



# Britain at War History

## Companions

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

## Suggested text

Goodnight Mister Tom – Michelle Magorian Letters to the Lighthouse - Emma Carroll War Game - Michael Foreman World War II - Dorling Kindersley Rose Blanche - Roberto Innocenti Explore World War 2 - Jane Bingham World War I - Dorling Kindersley War Horse - Michael Morpurgo When We Were Warriors - Emma Carroll The Story of World War One - Richard Brassey Memorial - Gary Crew and Shaun Tan

## Memorable experience

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

## Innovate challenge

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

## Literacy

To Entertain - Narrative, Diary entry To Inform - Non chronological report - battles during the war To Discuss - Was evacuation good or bad? To Persuade - Persuasive speech

## Mathematics

Number - problem solving Addition and subtraction Multiplication and division Fractions Percentages, fractions and decimals Number - problem solving Number - sequences and algebra Fractions Number - percentages and decimals Measures - problem solving Statistics - using data

## 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

## Computing

Text Adventures - Applying Coding Skills Online Safety: Privacy and Security Quizzing Understanding Binary Online Safety: Copyright and Ownership

## Religious education

Easter Beliefs and Moral Values

## 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

## Design and technology

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

## Geography

Place and interconnections; Maps

## 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

## Music

Charanga - Music and Me Charanga - Reflect, Rewind and Replay

## Physical education

Invasion Games - Handball Dance Striking and Fielding Games - Rounders Net and Wall Games - Netball

## Personal, social and health education

Living in the Wider World - Economic Awareness, Business Enterprise Relationships Education - Moving Forward Health and Well-Being - Transition

**English**

Persuasive posters; Historical narratives; Nonets

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