

# Romanby Primary School

## Class plan - Upper KS2 Cycle B



### Britain at War (History)

#### Companions

- Distortion and Abstraction (Art and design)
- Light Theory (Science)
- Evolution and Inheritance (Science)
- Bees, Beetles and Butterflies (Art and design)

### Planned term - Autumn

#### Suggested text

Goodnight Mister Tom – Michelle Magorian

#### 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

#### English (Linked to T4W)

Newspaper reports; Persuasive formal letters; Non-chronological reports; Acrostic poems, Narrative - Tale of fear, Focus: Action



#### Mathematics

Y5 WRM – Autumn (v3.0)

Block 1: Number – Place value; Block 2: Number – Addition and subtraction; Block 3: Number Multiplication and Division; Block 4: Number – Fractions

Y6 WRM – Autumn (v3.0)

Block 1: Number – Place value; Block 2: Number – Addition, subtraction, multiplication, and division; Block 3 and 4: Number – Fractions; Block 5: Measurement – Converting units

#### 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

#### Geography

Place and interconnections; Maps

**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

**Computing (Kapow)**

Autumn 1 Programming: Music

Autumn 2 Stop Motion Animation

**Design and technology**

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

**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)**

Autumn 1 Music and Technology

Autumn 2 Developing Ensemble Skills

**Personal, social and health education (Kapow)**

Autumn 1 Families and Relationships

Autumn 2 Health and Wellbeing

**Physical education (The PE Hub)**

Autumn 1 Dance (Unit 1) TAG Rugby

Autumn 2 Gymnastics (Unit 1) Hockey

**Religious education**

Autumn 1 U2.1 Why do some people think God exists?

Autumn 2 Walk through the Bible (OT) Christmas - Peace

**Languages (Kapow)**

Autumn 1 French Transport

Autumn 2 In my French house



## Frozen Kingdoms (Geography)

### Companions

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

### Planned term - Spring

#### Suggested text

The Wolf Wilder - Katherine Rundell

#### Memorable experience

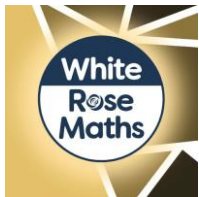
Polar expedition. [Inuit] - Inuit art. [Engineer] - Bridges and engineers. [Environmental Artists] – Exploring environmental art

#### 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

#### English (Linked to T4W)

Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives, Non-fiction Discussion text, Narrative - Wishing tale/finding tale Focus: Character



#### Mathematics

Y5 WRM – Spring (v3.0)

Block 1: Number – Multiplication and division; Block 2: Number – Fractions; Block 3: Number – Decimals and percentages; Block 4: Measurement – Perimeter and area; Block 5 – Statistics

Y6 WRM – Spring (v3.0)

Block 1: Number – Ratio; Block 2: Number – Algebra; Block 3: Number – Decimals; Block 4: Number – Fractions, decimals and percentages; Block 5 – Measurement – Area, perimeter and volume; Block 6 – Statistics

#### 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

#### 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

#### Art and design

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

#### Computing (Kapow)

Spring 1 Search Engines

Spring 2 Big Data 1

#### 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

**History**

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

**Music (Charanga)**

Spring 1 Creative Composition

Spring 2 Musical Styles Connect Us

**Personal, social and health education (Kapow)**

Spring 1 Safety and the Changing Body

Spring 2 Citizenship

**Physical education (The PE Hub)**

Spring 1 Fitness (Unit 1) Netball

Spring 2 Gymnastics (Unit 2) OAA

**Religious education**

Spring 1 U2.4 If God is everywhere why go to a place of worship?

Spring 2 U2.3 What do religions say to us when life gets hard? Easter - Creating and Easter experience

**Languages (Kapow)**

Spring 1 Music in France

Spring 2 French verbs in a week



## Maafa (History)

### Companions

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

## Planned term - Summer

### Suggested text

Freedom - Catherine Johnson. [Our Changing World] - Collins Junior Atlas - Stephen Scoffham and Collins Kids

### Memorable experience

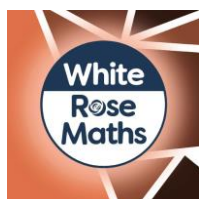
Exploring Africa today. [Food for Life] - Exploring processed foods. [Trailblazers, Barrier Breakers] - Exploring trailblazers

### Innovate challenge

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

### English (Linked to T4W)

Newspaper reports; Persuasive formal letters; Non-chronological reports; Acrostic poems Narrative - Tale of fear, Focus: Action



### Mathematics

Y5 WRM – Summer (v3.0)

Block 1: Number – Place value; Block 2: Number – Addition and subtraction; Block 3: Number – Multiplication and Division; Block 4: Number – Fractions

Y6 WRM – Summer (v3.0)

Block 1: Geometry – Shape; Block 2: Geometry – Position and direction; Block 3: Themed projects, consolidation and problem solving

### 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

### 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

### 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

### Computing (Kapow)

Summer1 Big Data 2

Summer 2 Introduction To Python

**Design and technology**

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

**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)**

Summer 1 Improvising with Confidence

Summer 2 Farewell Tour

**Personal, social and health education (Kapow)**

Summer 1 Economic Wellbeing

Summer 2 Identity Transition

**Physical education (The PE Hub)**

Summer 1 Badminton Tennis

Summer 2 Athletics Rounders

**Religious education**

Summer 1 U2.6 What does it mean to be a Muslim in Britain today?

**Languages (Kapow)**

Summer 1 Visiting a town in France

Summer 2 French sport and the Olympics