



# Kingsway Community Primary School

## Class plan - Year 4 Cycle A



# Invasion **History**

## Companions

- o Food and the Digestive System **Science**
- o Warm and Cool Colours **Art and design**
- o Fresh Food, Good Food **Design and technology**
- o Interconnected World **Geography**
- o Sound **Science**
- o Warp and Weft **Art and design**

## Planned term

Autumn

## Suggested text

Stig of the Dump

## Love to Read

Demon Dentist

## Mathematics

Reasoning with large numbers; addition and subtractions; multiplication and division; discrete and continuous data

## Memorable experience

The Ruin. [Fresh Food, Good Food] - Keeping food fresh. [Warp and Weft] - Textiles through time

## Innovate challenge

Viking hoard. [Food and the Digestive System] - Let's investigate focus: Planning and carrying out. [Fresh Food, Good Food] - Designing and making a healthy packaged snack. [Sound] - Let's investigate focus: Planning and carrying out. [Warp and Weft] - Creating wall hangings

## Geography

Geographical sources. [Interconnected World] - Compass points; Four and six-figure grid references; Tropics of Cancer and Capricorn; Countries, climate and culture of North and South America; Significant physical features of the UK; Renewable and non-renewable energy; National Rail network; UK canal network; Fieldwork; Local enquiry

## Art and design

[Contrast and Complement (Y4)] - Colour theory; Colour wheel; Tertiary colours; Warm and cool colours; Complementary colours; Analogous colours. [Warp and Weft] - Weaving; Exploring yarns

## History

Roman withdrawal from Britain; Chronology of invasion; Anglo-Saxon invasion; Anglo-Saxon kingdoms, beliefs and customs; Religion; Everyday life in Anglo-Saxon Britain; Viking invasion; Everyday life in Viking Britain; Significant people – King Athelstan; Norman invasion; Legacy

## Religious education

How special is the relationship between Jews and God? And what is the best way for a Jew to show commitment to God? Is it possible for everyone to be happy?

## English

Adventure and mystery; stories with historical settings; letters; journalistic writing; poetry; chronological texts; instructions

## Design and technology

[Fresh Food, Good Food] - Food preservation techniques; Exploring food packaging; Prototypes; Designing, making and packaging healthy snacks

## Science

[Food and the Digestive System] - Producers and consumers; Ecosystems; Food chains and food webs; Changes in ecosystems; Digestive system; Teeth types – incisors, canines, premolars, molars; Teeth health and dental hygiene; Working scientifically – Identifying and classifying, Observing changes over time, Comparative test, Pattern seeking, Research. [Sound] - Sound facts; Investigating sound; Sound waves; How we hear sounds; Muffling sound investigation; Volume and distance investigation; Changing the volume of sound investigation; Changing the pitch of sound investigation; Investigating sound further; Working scientifically – Identifying and classifying, Comparative test, Pattern seeking, Research

## Computing

The internet; Online questionnaire; Adobe movie maker Digital Literacy: Self image and identity; online relationships

## Personal, social and health education

Being me in my world Celebrating difference



# Misty Mountain, Winding River **Geography**

## Companions

- States of Matter **Science**
- Vista **Art and design**
- Functional and Fancy Fabrics **Design and technology**
- Grouping and Classifying **Science**
- Animal **Art and design**

## Planned term

Spring

## Suggested text

The Great Kapok Tree

## Love to Read

Demon Dentist

## Mathematics

Calculating with multiplication and division; fractions; time; decimals, area and perimeter

## Memorable experience

River visit. [Vista] - What a view!. [Functional and Fancy Fabrics] - Exploring fabrics. [Animal] - Animals in art

## Innovate challenge

Learn about the Lakes. [States of Matter] - Let's investigate focus: Observing, measuring and recording. [Vista] - My landscape. [Functional and Fancy Fabrics] - Designing and making a William Morris-inspired fabric. [Grouping and Classifying] - Let's investigate focus: Reporting and concluding. [Animal] - Making Bankura horse sculptures

## Geography

Rivers; Maps; Grid references; Contour lines; Physical processes – erosion, transportation and deposition; World rivers; Aerial images; Mountains; UK mountains; World mountains; Compass points; Water cycle; Soil; Altitudinal zones; Data analysis

## Art and design

[Vista] - Landscape; Perspective. [Functional and Fancy Fabrics] - Motifs and pattern; Nature; Block printing; Embroidery. [Animal] - Significance of animals in art; Drawing; Printing, Clay sculpture

## Religious education

How important is it for Jewish people to do what God asks them to do? Is forgiveness always possible for Christians?

## English

Stories from other cultures; stories that raise issues and dilemmas; playscripts; explanation texts; information texts; debate/argument; persuasive; poetry

## Design and technology

Mountain climbing equipment. [Functional and Fancy Fabrics] - Fabrics; Design features; Significant designer – William Morris; Stitching a hem; Embellishment; Designing and making patterned and embellished fabrics

## Science

Water cycle; Habitats; Changing environments. [States of Matter] - Classifying solids, liquids and gases; Unusual materials; Particle theory; Change of state; Melting, freezing, evaporation and condensation; States of water; Measuring temperature; Investigating melting; Line graphs; Researching melting and boiling points; Working scientifically – Observing changes over time, Identifying and classifying, Pattern seeking, Comparative test, Research. [Grouping and Classifying] - Types of classification; Taxonomy; Understanding and creating classification keys; Animal kingdom; Plant kingdom; Classifying new discoveries; Working scientifically – Identifying and classifying, Pattern seeking, Research

## Computing

Microbit powered projects; Quiz ebook Digital Literacy: Online reputation; online bullying; managing online information

## Personal, social and health education

Dreams and goals Healthy me



# Ancient Civilisations **History**

## Companions

- o Electrical Circuits and Conductors **Science**
- o Statues, Statuettes and Figurines **Art and design**
- o Tomb Builders **Design and technology**
- o Islamic Art **Art and design**

## Planned term

Summer

## Suggested text

Marcy and the Riddle of the Sphinx

## Love to Read

Iron Man

## Mathematics

Solving measures and money problems; shape and symmetry; position and direction; reasoning with pattern and sequences; 3D shape

## Memorable experience

What is a civilisation?. [Statues, Statuettes and Figurines] - Figure drawing. [Tomb Builders] - Identifying simple machines. [Islamic Art] - Exploring Islamic art

## Innovate challenge

Exploring the Indus Valley civilisation. [Electrical Circuits and Conductors] - Designing and making a nightlight. [Statues, Statuettes and Figurines] - Making Sumer-style figurines. [Tomb Builders] - Designing simple machines. [Islamic Art] - Creating geometric tiles

## Geography

[Electrical Circuits and Conductors] - Sustainable energy sources

## Art and design

[Statues, Statuettes and Figurines] - Figure drawing; Statues, statuettes and figurines; Sculptures from ancient civilisations; Clay work and sculpting. [Islamic Art] - Features of Islamic art; Motifs and patterns; High and low relief clay sculpture

## History

Features of civilisations; Ancient Sumer; Ancient Egypt; Indus Valley civilisation; Artefacts; Timelines; New inventions and technology; Everyday life; Social hierarchy; Significant leaders; End of ancient civilisations

## Religious education

Do people need to go to church to show they are Christians? What is the best way for a Buddhist to lead a good life?

## English

Letter; instructions; newspaper reports; formal/informal writing; poetry

## Design and technology

[Electrical Circuits and Conductors] - Making switches; Programmable technologies; Programming a micro:bit; Designing and making a nightlight; Incorporating programming and circuits in products. [Tomb Builders] - Simple and compound machines

## Science

[Electrical Circuits and Conductors] - Sources of electricity; Electrical devices; Electrical components; Series circuits; Complete and incomplete circuits; Conductivity; Conductors and insulators; Wired plugs; Incandescent light bulbs; Future of electricity; Working scientifically – Identifying and classifying, Pattern seeking, Comparative test, Research

## Computing

Posters; AR museum Digital Literacy: Privacy and security; health, wellbeing and lifestyle; copyright and ownership

## Personal, social and health education

Relationships Changing me

Relationships Changing me