

Knowsley Village 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

English - Pathways to Write

Gorilla by Anthony Browne Leon and The Place Between by Grahame Baker Smith and Angela McAllister

Suggested text

The Saga of Erik the Viking – Terry Jones. [Interconnected World] - Collins Primary Atlas - Collins Kids

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

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

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

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

Design and technology

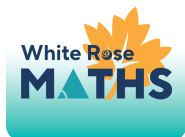
[Fresh Food, Good Food] - Food preservation techniques; Exploring food packaging; Prototypes; Designing, making and packaging healthy snacks

Religious education

Buddhism Big Idea How do Buddhists celebrate in the local community (Kathina) -Y4 Curriculum Maestro

Physical Education

Hockey Fitness Netball. Dance



Y4 WRM – Autumn (v3.0) **Mathematics**

Mathematics

Block 1: Number – Place value; Block 2: Number – Addition and subtraction; Block 3: Measurement – Area; Block 4 Number – Multiplication and division



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

English - Pathways to Write

Escape from Pompeii by Christina Balit Kaji's Island -The Literacy Company Amazing Islands by Sabrina Weiss and Kerry Hyndman

Suggested text

King of the Cloud Forests – Michael Morpurgo

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

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

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

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

Religious education

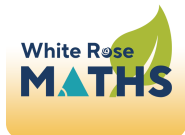
World Religions Big Idea What is the importance of the pilgrimages to all religions? Can you link religious pilgrimages to your own special journeys? Christianity Big Idea Holy Week and Easter – Y4 Curriculum Maestro

Personal, social and health education

Interruption of resources

Physical Education

Gymnastics Tag Rugby Football Basketball



Y4 WRM – Spring (v3.0) **Mathematics**

Mathematics

Block 1: Number – Multiplication and division; Block 2: Measurement – Length and perimeter; Block 3: Number – Fractions; Block 4: Number – Decimals



Ancient Civilisations **History**

Companions

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

Planned term

Summer

English - Pathways to Write

Where the Forest Meets the Sea by Jeannie Baker June Explorer by The Literacy Company Julius Caesar - A Stage Full of Shakespeare Stories by Angela McAllister

Suggested text

Secrets of a Sun King – Emma Carroll

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

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

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

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

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

Religious education

World Religions Big Idea Special People: Abraham – Y4

Physical Education

Outdoor Education Athletics Cricket/Rounders. Tennis

Y4 WRM – Summer (v3.0) **Mathematics**

Mathematics

Block 1: Number – Decimals; Block 2: Measurement – Money; Block 3: Measurement – Time; Block 4: Geometry – Shape; Block 5: Statistics; Block 6: Geometry – Position and direction





Y4 Computing **Computing**

Computing

Staying safe online; Evaluating digital content; Algorithms and debugging; Programming

Staying safe online; Evaluating digital content; Algorithms and debugging; Programming