

Reigate Park Primary Academy

Class plan - Year 4 Cycle A



Invasion **History**

Companions

- Contrast and Complement (Y4) **Art and design**
- Interconnected World **Geography**
- Fresh Food, Good Food **Design and technology**
- Warp and Weft **Art and design**
- Food and the Digestive System **Science**
- Sound **Science**

Texts

How To Train Your Dragon - Cressida Cowell [Interconnected World] - Collins Primary Atlas - Collins Kids

Memorable experience

Viking Invasion - visitors to school

Innovate challenge

Viking hoard. Warp and Weft - Creating wall hangings

Literacy

To entertain- Narrative To entertain- Norse Myth To inform- Newspaper report To inform- Non chronological report To persuade- Letter

Mathematics

Number, place value and rounding Mental addition and subtraction Multiplication and division Geometry - properties of shapes Addition and subtraction - mental and written calculation Multiplication Fractions Geometry Statistics and Time

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

Religious education

Beliefs and Practices Christmas

Computing

Online Safety Effective Searches Online Safety: Managing Online Information Online Safety: Self Image and Identity Online Safety: Online Relationships Coding

English

Anglo-Saxon poetry; Playscripts; Norse myths; Non-chronological reports

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

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

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

Music

Charanga - Mamma Mia Charanga - Glockenspiel Stage 2

Physical education

Outdoor Adventurous Activities Improving our Fitness Athletics Invasion Games - Tag Rugby

Personal, social and health education

Living in the Wider World - Rules and Responsibilities Health and Well-Being - Physical, Emotional and Mental Health Relationships education - Feelings



Misty Mountain, Winding River **Geography**

Companions

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

Texts

This Morning I Met a Whale - Michael Morpurgo The Wind in the Willows - Kenneth Grahame Raging Rivers (Horrible Geography) - Anita Ganeri Freaky Peaks (Horrible Geography) - Anita Ganeri Rivers and Mountains - Joanna Brundle How To Survive On A Mountain - Louise Spilsbury Rivers Around the World - Jen Green King of the Cloud - Michael Morpurgo River Story - Meredith Hooper Solids, Liquids and Gases - Louise and Richard Spilsbury Vertebrates vs Invertebrates Can You Survive Extreme Mountain Climbing - Matt Doeden Water - Protect Freshwater to Save Life on Earth - Catherine Barr Rivers - Suzie Brooks

Memorable experience

River visit - Dovedale Functional and Fancy Fabrics - Exploring fabrics. Animal - Animals in art

Innovate challenge

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

Literacy

To entertain- Setting description To entertain- Adventure narrative To inform- Explanation To inform- Non chron report To persuade- Leaflet

Mathematics

Number, place value and rounding Addition and subtraction - mental and written calculation Multiplication and division - mental and written calculation Fractions Fractions and decimals 4 rules - mental calculation Addition and subtraction - written methods Multiplication and division - written methods Geometry Statistics and measures

Science

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

Religious education

Passover Easter

Computing

Spreadsheets Logon Hardware Investigators Online Safety: Health, Wellbeing and Lifestyle

English

Diaries; Information leaflets; Explanations; Narrative poetry

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

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

Music

Charanga - Stop! Charanga - Lean on Me

Physical education

Dance Swimming Striking and Fielding Games - Tennis Swimming

Personal, social and health education

Living in the Wider World - Economic Awareness (Managing Money) Relationships Education - Communication



Ancient Civilisations **History**

Companions

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

Texts

The Legend of Tutankhamun - Sally Jane Morgan Ancient Egypt - Doring Kindeersely Tutankhamun's Tomb - Sue Reid Secrets of a Sun King - Emma Carroll

Memorable experience

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

Innovate challenge

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

Literacy

To entertain- Adventure narrative To entertain- Character description To inform- Non chron report To inform- Biography To persuade- Letter

Mathematics

Place value Addition and subtraction - measures Multiplication and division - mental and written calculation Fractions Measures - area, perimeter and capacity Number - mental and written calculation Measures Addition and subtraction - written method Multiplication and division Geometry - 2D shape, angles and co-ordinates Statistics

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

Religious education

Rites of Passage Prayer and Worship

Computing

Animation Writing for Different Audiences Online Safety: Privacy and Security Making Music Online Safety: Copyright and Ownership

English

Free verse poetry; Instructions; Stories from other cultures

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

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

Geography

Electrical Circuits and Conductors - Sustainable energy sources

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

Music

Charanga - Blackbird Charanga - Reflect, Rewind and Replay

Physical education

Striking and Fielding Games - Tennis Swimming Striking and Fielding Games - Rounders Swimming

Personal, social and health education

Health and Well-Being - Growing and Changing Health and Well-Being - First Aid

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