



Wood End Primary School

Class plan - Nightingale4/5 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

Planned term

Autumn

Suggested text

Terry Deary -The King who threw away his throne Arthur and the golden rope- Joe Todd-Stanton 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. [Fresh Food, Good Food] - Designing and making a healthy packaged snack. [Warp and Weft] - Creating wall hangings

English

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

Science

Food and the digestive system

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

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

Computing

Online safety The internet

Music

Musical Structures

Personal, social and health education

Families and friendships Safe relationships

Physical education

Gymnastics

MFL

Les Formes (ELT)



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



Y5 WRM – Autumn (v3.0) Mathematics

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



Contrast and Complement (Y4) Art and design

Art and design
Colour theory; Colour wheel; Tertiary colours; Warm and cool colours; Complementary colours; Analogous colours



Interconnected World Geography

Suggested text
Collins Primary Atlas - Collins Kids
Geography
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



Fresh Food, Good Food Design and technology

Memorable experience
Keeping food fresh
Innovate challenge
Designing and making a healthy packaged snack
Design and technology
Food preservation techniques; Exploring food packaging; Prototypes; Designing, making and packaging healthy snacks



Warp and Weft Art and design

Memorable experience
Textiles through time
Innovate challenge
Creating wall hangings
Art and design
Weaving; Exploring yarns



Food and the Digestive System Science

Innovate challenge

Let's investigate focus: Planning and carrying out

Science

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 Science

Innovate challenge

Let's investigate focus: Planning and carrying out

Science

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



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**

Planned term

Spring

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. [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

English

Diaries; Information leaflets; Explanations; Narrative poetry

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

Computing

Repetition in shapes

Music

Compose with your friends

Personal, social and health education

Belonging to a community Media literacy and digital resilience

MFL

Je me presente (ILT)



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



Y5 WRM – Spring (v3.0) **Mathematics**

Mathematics

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



Vista **Art and design**

Memorable experience

What a view!

Innovate challenge

My landscape

Art and design

Landscape; Perspective



Functional and Fancy Fabrics **Design and technology**

Memorable experience

Exploring fabrics

Innovate challenge

Designing and making a William Morris-inspired fabric

Art and design

Motifs and pattern; Nature; Block printing; Embroidery

Design and technology

Fabrics; Design features; Significant designer – William Morris; Stitching a hem; Embellishment; Designing and making patterned and embellished fabrics



States of Matter **Science**

Innovate challenge

Let's investigate focus: Observing, measuring and recording

Science

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



Animal **Art and design**

Memorable experience

Animals in art

Innovate challenge

Making Bankura horse sculptures

Art and design

Significance of animals in art; Drawing; Printing, Clay sculpture



Grouping and Classifying

Science

Innovate challenge

Let's investigate focus: Reporting and concluding

Science

Types of classification; Taxonomy; Understanding and creating classification keys; Animal kingdom; Plant kingdom; Classifying new discoveries; Working scientifically – Identifying and classifying, Pattern seeking, Research



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**

Planned term

Summer

Suggested text

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

English

Free verse poetry; Instructions; Stories from other cultures

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

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

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

Computing

photo editing

Music

Expression and improvisation

Personal, social and health education

Physical health and mental well being

MFL

L'ancienne histoire de la Grande Bretagne (ELT)



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



Y5 WRM – Summer (v3.0) Mathematics

Mathematics

Block 1: Geometry – Shape; Block 2: Geometry – Position and direction; Block 3: Number – Decimals; Block 4: Number – Negative numbers; Block 5: Measurement – Converting units; Block 6: Measurement – Volume



Tomb Builders Design and technology

Memorable experience

Identifying simple machines

Innovate challenge

Designing simple machines

Design and technology

Simple and compound machines



Statues, Statuettes and Figurines Art and design

Memorable experience

Figure drawing

Innovate challenge

Making Sumer-style figurines

Art and design

Figure drawing; Statues, statuettes and figurines; Sculptures from ancient civilisations; Clay work and sculpting



Electrical Circuits and Conductors Science

Innovate challenge

Designing and making a nightlight

Science

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

Geography

Sustainable energy sources

Design and technology

Making switches; Programmable technologies; Programming a micro:bit; Designing and making a nightlight; Incorporating programming and circuits in products



Islamic Art Art and design

Memorable experience

Exploring Islamic art

Innovate challenge

Creating geometric tiles

Art and design

Features of Islamic art; Motifs and patterns; High and low relief clay sculpture



Y4 Computing Computing

Computing

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



Kathina Religious education

Planned term

Autumn 2

Memorable experience

Wet playtimes

Innovate challenge

Exploring generosity

Religious education

Buddhist monks; Dalai Lama; Generosity



Holy Week and Easter Religious education

Planned term

Spring 1

Memorable experience

Exploring symbolism

Innovate challenge

Exploring belief

Religious education

Holy Week; Easter; Belief



Vaisakhi Religious education

Planned term

Spring 2

Memorable experience

Who am I?

Innovate challenge

Exploring identity

Religious education

Khalsa Sikhs; Promises; Five Ks; Identity



Shabbat Religious education

Planned term

Summer 1

Memorable experience

Play and rest

Innovate challenge

Thinking about rest

Religious education

Seventh day; Shabbat customs; Comparing special days; Rest



Eid ul-Adha

Religious education

Planned term
Summer 2

Memorable experience
Exploring sacrifice

Innovate challenge
Exploring charity

Religious education
Pilgrimage; Sacrifice; Charity



Janmashtami

Religious education

Planned term
Autumn 1

Memorable experience
Who am I?

Innovate challenge
Thinking about role models

Religious education
Krishna; Janmashtami celebrations; Role models