



Dordon Community Primary School

Class plan - Hawk 23-24 Cycle A



Dynamic Dynasties History

Companions

- Investigating Our World Geography
- Moving Mechanisms Design and technology
- Taotie Art and design
- Tints, Tones and Shades (Y5) Art and design
- Forces and Mechanisms Science
- Earth and Space Science

Planned term

Autumn

Suggested text

Bronze and Sunflower – Cao Wenxuan

Memorable experience

The Yellow Emperor and the Xia Dynasty

Innovate challenge

Life after the Shang Dynasty

English

Narrative poems; Biographies; Stories from another culture

History

Ancient China; Timelines and chronology; Shang Dynasty; Sources and artefacts; Oracle bones and religious beliefs; Bronze Age in ancient China; Historical enquiry; Significance of jade and silk; Power and social hierarchy; Everyday life; Warfare; Significant individual – Di Xin; End of the Shang Dynasty; Bronze Ages around the world; Life after the Shang Dynasty; Legacy



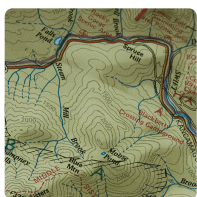
Y5 WRM – Autumn (v3.0) Mathematics

Planned term

Autumn

Mathematics

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



Investigating Our World Geography

Planned term

Autumn

Suggested text

Collins Junior Atlas - Stephen Scoffham and Collins Kids

Geography

Ordnance Survey maps; Contour lines; Six-figure grid references; Time zones; Climate zones; Vegetation belts; Biomes; Human geography; World cities; Sustainable manufacturing processes; Relative locations and distances; Transport networks; Settlement hierarchy; Local enquiry; Fieldwork



Moving Mechanisms Design and technology

Planned term

Autumn

Memorable experience

Exploring pneumatics

Innovate challenge

Designing and making a pneumatic prototype

Design and technology

Pneumatic systems; Joining and finishing; Iterative design process; Building pneumatic machine prototypes



Taotie Art and design

Planned term

Autumn

Memorable experience

Exploring taotie motifs

Innovate challenge

Making taotie pieces

Art and design

Taotie motifs; Casting methods; Watercolour



Tints, Tones and Shades (Y5) Art and design

Planned term

Autumn

Art and design

Colour theory; Colour wheel; Mixing tints, shades and tones; Landscapes



Forces and Mechanisms Science

Planned term

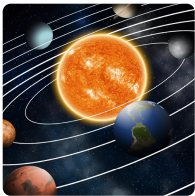
Autumn 1

Innovate challenge

Let's investigate focus: Observing, measuring and recording

Science

Contact and non-contact forces; Gravity; Mass and Weight; Discovering gravity – important scientists; Friction; Air resistance; Water resistance; Mechanisms – levers, pulleys, gears; Investigating forces and mechanisms; Working scientifically – Identifying and classifying, Observing changes over time, Comparative tests, Research, Pattern seeking



Earth and Space Science

Planned term

Autumn 2

Innovate challenge

Let's investigate focus: Research

Science

The Solar System; Scientists of the past who discovered how the Solar System works; The Earth, Sun and Moon; Planets and stars are spherical; Daytime and night time; Sundials; Day length and the seasons; Times of the day around the world; The phases of the Moon; Lunar and solar eclipses; Working scientifically – Identifying and classifying, Research, Changes over time, Pattern seeking



Sow, Grow and Farm Geography

Companions

- Eat the Seasons Design and technology
- Human Reproduction and Ageing Science
- Line, Light and Shadows Art and design
- Nature's Art Art and design

Planned term

Spring

Suggested text

The Secret Garden - Frances Hodgson Burnett

Memorable experience

Allotment visit

Innovate challenge

Market gardeners

English

Non-chronological reports; Diaries; Leaflets; Balanced arguments

Geography

Land use in the UK; Allotments; Farming in the UK; Maps; Grid references; Climate zones; Physical features of North and South America; Farming in North and South America; Food transportation

Art and design

Still life

Design and technology

Seasonality

History

Dig for Victory

Personal, social and health education

Debating topical issues

Science

Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming



Y5 WRM – Spring (v3.0) Mathematics

Planned term

Spring

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



Eat the Seasons Design and technology

Planned term

Spring

Memorable experience

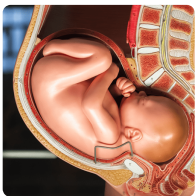
Seasonality

Innovate challenge

Seasonal soups

Design and technology

Cooking; Nutrition



Human Reproduction and Ageing Science

Planned term

Spring

Innovate challenge

Let's investigate focus: Reporting and concluding

Science

Animal life cycles; Stages and processes; Classifying mammals; Mammalian life cycles; Interpreting scatter graphs; Human life cycle; Human gestation stage; Human juvenile stage; Human adolescent stage; Puberty; Venn diagrams; Interpreting line graphs; Human sexual reproduction; Human ageing; Working scientifically – Observing changes over time, Identifying and classifying, Pattern seeking, Comparative test, Research



Line, Light and Shadows Art and design

Planned term

Spring

Memorable experience

Line up!

Innovate challenge

Creating artwork with line, light and shadows

Art and design

Continuous line drawing; Significant artists – Pablo Picasso and Rembrandt; Shading techniques; Drawing on black paper; Black and white photography



Nature's Art Art and design

Planned term

Spring

Memorable experience

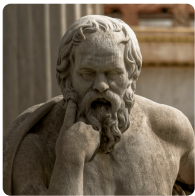
Working outdoors

Innovate challenge

Creating an installation

Art and design

Land art; Natural materials; Relief sculpture; Installations



Groundbreaking Greeks History

Companions

- Architecture Design and technology
- Mixed Media Art and design
- Properties and Changes of Materials Science
- Expression Art and design

Planned term

Summer

Suggested text

Who Let the Gods Out? – Maz Evans

Memorable experience

Time team

Innovate challenge

The ancient Greeks' greatest idea

English

Greek myths; Balanced arguments; Playscripts; Odes

Geography

Interpreting geographical sources

History

Ancient Greek periods – Minoan civilisation, Mycenaean civilisation, Dark Age, Archaic period, Classical period, Hellenistic period; Chronology and timelines; Primary and secondary sources; City states; Democracy; Role of men and women; Social hierarchy; Great Athenians; the Acropolis; Greek art, culture, architecture, philosophy, medicine and mathematics; Olympic Games; Alexander the Great; End of the Greek Empire; Legacy



Y5 WRM – Summer (v3.0) Mathematics

Planned term

Summer

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



Architecture Design and technology

Planned term

Summer

Memorable experience

Architecture over time

Innovate challenge

Building design

Design and technology

Architecture over time; Greek architecture; Structural support, stiffness and stability; Computer-aided design; Building design



Mixed Media Art and design

Planned term

Summer

Memorable experience

Paper craft

Innovate challenge

Creating mixed media artwork

Art and design

Paper crafts; Papermaking; Paper, fabric, mixed media and surreal photo collage; Mixed media artwork

Design and technology

Fabric and mixed media collage; Stitching and embellishment



Properties and Changes of Materials Science

Planned term

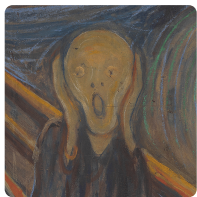
Summer

Innovate challenge

Let's investigate focus: Planning and carrying out

Science

Properties of materials; Thermal conductivity; Measuring temperature; Thermal insulators; Solubility; Heterogeneous and homogeneous mixtures; Sieving; Filtration; Evaporation; Separating unusual mixtures; Reversible and irreversible changes; Innovative materials; Working scientifically – Identifying and classifying, Observing changes over time, Comparative tests, Research, Pattern seeking



Expression Art and design

Planned term

Summer

Memorable experience

What is Expressionism?

Innovate challenge

Creating an Expressionist-style painting

Art and design

Expressionist art movement; Significant artist – Edvard Munch; Portrait photography; Expression; Self-portraits



Y5 Computing Computing

Planned term

Summer

Computing

Staying safe online; Evaluating digital content; Algorithms and debugging; Using data



Dharma Day Religious education

Planned term

Autumn 1

Memorable experience

Buddhist flag

Innovate challenge

Exploring compassion

Religious education

Buddhist flag; Wheel of Dharma; Compassion



Pentecost Religious education

Planned term

Autumn 2

Memorable experience

Learning languages

Innovate challenge

Exploring communities

Religious education

Pentecost; Community



Guru Arjan Gurburab Religious education

Planned term

Spring 1

Memorable experience

Modelling the Golden Temple

Innovate challenge

Exploring words

Religious education

Guru Arjan; Golden Temple; Guru Granth Sahib; Words



Passover Religious education

Planned term

Spring 2

Memorable experience

Special meal

Innovate challenge

Thinking about freedom

Religious education

Plagues of Egypt; Seder plate; Traditions and customs; Freedom



Ramadan and Eid al-Fitr **Religious education**

Planned term
Summer 1

Memorable experience
The 'go without' challenge

Innovate challenge
Exploring gratitude

Religious education
Sacrifice; Islamic Hijri calendar; Ramadan customs; Gratitude



Holi **Religious education**

Planned term
Summer 2

Memorable experience
Meaning of colour

Innovate challenge
Exploring needs

Religious education
Meaning of colour; Holi celebrations; Needs