



Acorns Primary School

Class plan - Class 3 Cycle A



Dynamic Dynasties History

Companions

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

Planned term

Autumn

Key Texts

Bronze and Sunflower – Cao Wenxuan. [Investigating Our World] - Collins Junior Atlas - Stephen Scoffham and Collins Kids

Book Shelf

Fu Hao Biography Chinese folk tales

Things

Star gazing Historical site/museum visit

Local Links

Chipping Norton Astronomy

Engage Stage

The Yellow Emperor and the Xia Dynasty. [Moving Mechanisms] - Exploring pneumatics. [Taotie] - Exploring taotie motifs

Book Talk

Star Tests; Chinese Folk Tales; Biographies; Science Fiction; Explanation; Persuasion

Writing Process

Writing - narrative poems, harvest poems, biographies, stories from another culture/Science Fiction, explanations & instructions (linked to DT/Science), persuasion

Grammar, Punctuation and Spelling

Expanded noun phrases - adjectives & prepositional phrases; Relative clauses; Paragraph & sentence structures inc. cohesion; Verb forms - perfect & modal; Sentence types - command, questions, statement, exclamation; Subject, object verb; Active & passive; Punctuation - commas, brackets, dashes. direct speech.

Art and design

[Tints, Tones and Shades (Y5)] - Colour theory; Colour wheel; Mixing tints, shades and tones; Landscapes. [Taotie] - Taotie motifs; Casting methods; Watercolour

Computing

Privacy & Security; Online Bullying Typing Practice; Google Apps Evaluating digital content;

Design and technology

[Moving Mechanisms] - Pneumatic systems; Joining and finishing; Iterative design process; Building pneumatic machine prototypes

Geography

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

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

Personal, social and health education

Identity, society and equality - stereotypes, discrimination and prejudice; Protective Behaviours; No Outsiders

Physical education

Tag rugby; Badminton; Volleyball; Gymnastics

Religious education

Why might ancient stories still be so important for religion and worldviews today?

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 & Space

Spanish

Traditions and celebrations; My family; Phonics

Innovate Stage

Life after the Shang Dynasty. [Moving Mechanisms] - Designing and making a pneumatic prototype. [Taotie] - Making taotie pieces

Express Stage

Essay & Quiz Presentations



Y5 WRM – Autumn (v2.0) **Mathematics**

Mathematics

Block 1: Number – Numbers beyond 20, Negative numbers, Roman numerals; Block 2: Number – Addition methods, Subtraction methods; Block 3: Number – Subtraction methods, Problems (addition and subtraction), Estimating and checking; Block 4: Statistics – Construct, read and interpret, Problems (statistics); Block 5: Number – Times tables, Multiplications, Division; Block 6: Measurement – Perimeter, Area



Sow, Grow and Farm

Geography

Companions

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

Planned term

Spring

Key Texts

The Secret Garden - Frances Hodgson Burnett

Book Shelf

The Good Garden: How one family went from hunger to having enough - by Katie Smith Milway
The Farm That Feeds Us: A year in the life of an organic farm - by Nancy Castaldo

Things

Residential adventure holiday
Local Area allotment visit & farmer Q&A

Local Links

Todenham Manor Farm
The Cotswold Dairy Company
Allotment visit & Farmer Q&A

Sustainable Development Goals

Responsible consumption & production
Zero hunger

Engage Stage

Allotment visit. [Eat the Seasons] - Seasonality. [Line, Light and Shadows] - Line up!. [Nature's Art] - Working outdoors

Book Talk

Star Tests; Non- chronological/Infomation text; The Secret Garden; Leaflets; Balanced arguments; Poetry

Writing Process

Writing - non-chronological report; diaries, leaflets, balanced argument, narrative, poetry

Grammar, Punctuation and Spelling

Cohesion; Organisational & presentational devices - bullet points, headings; Verb forms - modal, adverbs, progressive; Relative clauses; Synonyms & antonyms; Punctuation - colons, parenthesis

Art and design

Still life. [Line, Light and Shadows] - Continuous line drawing; Significant artists – Pablo Picasso and Rembrandt; Shading techniques; Drawing on black paper; Black and white photography. [Nature's Art] - Land art; Natural materials; Relief sculpture; Installations

Computing

Online Relationships; Online Reputation Coding; Typing Practice; Google Apps Using data; Algorithms and debugging

Design and technology

Seasonality. [Eat the Seasons] - Cooking; Nutrition

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

History

Dig for Victory

Music

Upbeat - flute tuition

Personal, social and health education

Mental Health and emotional well being - dealing with feelings; Drug, alcohol and tobacco education - different influences; No Outsiders

Physical education

Dodgeball; Basketball; Dance

Religious education

Do religions change or do they stay the same?

Science

Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming. [Human Reproduction and Ageing] - 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

Spanish

Olympics; Clothes

Innovate Stage

Market gardeners. [Eat the Seasons] - Seasonal soups. [Line, Light and Shadows] - Creating artwork with line, light and shadows. [Nature's Art] - Creating an installation. [Human Reproduction and Ageing] - Let's investigate focus: Reporting and concluding

Express Stage

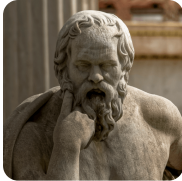
Essay & Quiz Discussion & debate



Y5 WRM – Spring (v2.0) **Mathematics**

Mathematics

Block 1: Number – Multiplication methods; Division methods; Block 2: Number – Recognising, finding and making fractions, Equivalence; Block 3: Number – Equivalence, Counting and calculating with fractions, Addition with fractions, Subtraction with fractions, The four operations and fractions; Block 4: Number – Fractions, decimals and percentages, Recognise, order and compare decimals



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

Key Texts

Who Let the Gods Out? – Maz Evans

Book Shelf

You Wouldn't Want to be in the Ancient Olympics! - by Michael Ford
Socrates: Greek Philosopher - by Lisa Zamosky
Where is the Parthenon? - by Roberta Edwards
The First Labours of Hercules A Prize Catch

Things

Sleep under the stars
Author Visit

Local Links

Chipping Norton Town Hall - neoclassical architecture

Engage Stage

Time team. [Architecture] - Architecture over time. [Mixed Media] - Paper craft. [Expression] - What is Expressionism?

Book Talk

Star Tests; Myths; Playscripts; Newspaper; Poetry

Writing Process

Writing - Greek myths, balanced argument; playscripts, odes, narrative, newspaper

Grammar, Punctuation and Spelling

Verb forms, expanded noun phrases & relative clauses (consolidation); Informal & formal speech structures; Parenthesis; Contractions & determiners; Pronouns - possessive & relatives; Standard English; Language features & vocabulary for effect

Art and design

[Mixed Media] - Paper crafts; Papermaking; Paper, fabric, mixed media and surreal photo collage; Mixed media artwork. [Expression] - Expressionist art movement; Significant artist – Edvard Munch; Portrait photography; Expression; Self-portraits

Computing

Self-Image & Identity
Typing Practice; Google Apps
Algorithms and debugging

Design and technology

[Architecture] - Architecture over time; Greek architecture; Structural support, stiffness and stability; Computer-aided design; Building design. [Mixed Media] - Fabric and mixed media collage; Stitching and embellishment

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

Music

Upbeat - flute tuition

Personal, social and health education

Physical Health and well being - in the media; Relationships and Sex Education; Keeping safe and managing risk - when things go wrong; No Outsiders

Physical education

Golf; Athletics; Fitness; Orienteering

Religious education

What might it mean to 'live well'?

Science

[Properties and Changes of Materials] - 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

Spanish

The weekend; Me in the world

Innovate Stage

The ancient Greeks' greatest idea. [Architecture] - Building design. [Mixed Media] - Creating mixed media artwork. [Properties and Changes of Materials] - Let's investigate focus: Planning and carrying out. [Expression] - Creating an Expressionist-style painting

Express Stage

Essay & Quiz End of year quiz Local history study - neoclassical architecture



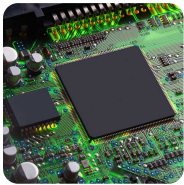
Y5 WRM – Summer (v2.0) **Mathematics**

Mathematics

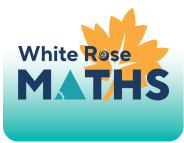
Block 1: Number – Recognise, order and compare decimals, Addition with decimals, Subtraction with decimals, Problems (decimals and percentages); Block 2: Geometry– Shape, Angles; Block 3: Geometry– Patterns and symmetry, Position, direction and coordinates; Block 4: Measurement– Problems (measurement), Converting units; Block 5: Measurement – Volume and capacity



Y5 Computing **Computing**



Y5 Computing - CYCLE A **Computing**



Y6 WRM – Autumn (v3.0) **Mathematics**



Y5 Online Safety - CYCLE A **Computing**



Forces and Mechanisms **Science**

Block 1: Number – Recognise, order and compare decimals, Addition with decimals, Subtraction with decimals, Problems (decimals and percentages); Block 2: Geometry– Shape, Angles; Block 3: Geometry– Patterns and symmetry, Position, direction and coordinates; Block 4: Measurement– Problems (measurement), Converting units; Block 5: Measurement – Volume and capacity