



Shipston-on-Stour
Primary School

Shipston on Stour Primary School

Class plan - Year 5 Cycle A



Sow, Grow and Farm

Geography

Companions

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

Key Texts

Bloom - Nicola Skinner Hidden Figures - Margarot Lee Shetterly

Book Shelf

The Secret Garden - Francis Hodgson Burnett Greenwilt The World behind the door by Pari Thomson Jamie Drake Equation - Christopher Edge The Secret World of Plants - Ben Hoare Grow: A first guide to plants and how to grow them by Rizanion Reyes Space maps: your tour of the universe

Local Links

Local allotments - visit Talk with allotment owners Farmers

Sustainability

12 Responsible consumption and productions 15 Life on Land

Engage Stage

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

Oracy

(to change next term) TED Talk (linguistic) - Confidently vary vocabulary and grammar to suit audience Create and sustain roles and responsibilities with independence in groups Use an increasingly sophisticated range of sentence stems with fluency and accuracy Carefully consider language used to express ideas and understand how this supports the purpose of the talk (cognitive) Give supporting evidence e.g. citing a text, a previous example or a historical event (Social emotion) Use humour effectively

Book Talk

Fiction: Greenwilt The world behind the door, The Jamie Drake Equation Non-fiction: Ladybirds-unlikely warriors Space Maps: your tour of the universe. Poetry: My Grandma's Bonsai Tree, Wind and Moon poem and

Writing Process

Allotment poetry (poems on a theme) Balanced argument about veganism Story linked to class text Narrative with time shift linked to the Alchemist's Letter A farmer's diary Biography - Memoir (Hidden Figures text)

Grammar, Punctuation and Spelling

Figurative language Speech punctuation Cohesive devices Relative clauses Formality Parenthesis

Art and design

Still life

Design and technology

Seasonality

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

Make you Feel My Love (Adele) - Charanga Glockenspiels & music notation Performances - In class on seesaw, Harvest Festival and Christmas Carols

Personal, social and health education

Debating topical issues

Physical education

Netball Net & Wall Dance

Religious education

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

Science

Life cycles; Plant reproduction; Growing plants; Modern farming

Spanish

Autumn 1: Pets and Phonics Autumn 2: The date

Innovate Stage

To design a leaflet or poster to promote local produce and the allotments . [Eat the Seasons] - Seasonal soups. [Line, Light and Shadows] - Creating artwork with line, light and shadows. [Nature's Art] Change to make it a TED talk about sow grow farm across the world.

Express Stage

Create a mind map (brain dump) or the topic taught.



Colour in Landscapes **Art and design**

Art and design

Mixing tints, shades and tones; Exploring landscapes; Sketching and painting landscapes



Eat the Seasons **Design and technology**

Oracy

Soup making (linguistics) - Create and sustain roles and responsibilities with independence in groups

Design and technology

Cooking; Nutrition



Nature's Art **Art and design**

Art and design

Land art; Natural materials; Relief sculpture; Installations



Human Reproduction and Ageing **Science**

Science

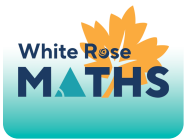
Animal life cycles; Stages and processes; Classifying mammals; Mammalian life cycles; Interpreting scatter graphs; Human life cycle; Human gestation stage; Human juvenile stage; Human adolescent stage; Puberty; Venn diagrams; Interpreting line graphs; Human sexual reproduction; Human ageing; Working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



Earth and Space **Science**

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



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



Dynamic Dynasties

History

Companions

- Colour in Landscapes (Art and design)
- Earth and Space (Science)
- Moving Mechanisms (Design and technology)
- Investigating Our World (Geography)
- Taotie (Art and design)
- Forces and Mechanisms (Science)

Planned term

Spring

Key Texts

Bronze and Sunflower – Cao Wenxuan. Clockwork by Phillip Pullman

Book Shelf

Investigating Our World - Collins Junior Atlas - Stephen Scoffham and Collins Kids Kai and the Monkey King Jo Todd-Stanton The Humans by Jonny Marx

Local Links

Chinese New Year local celebrations Compton Verney artefacts

Sustainability

10. Reduced Inequalities 13. Climate Change 16. Peace, justice and strong institutions

Engage Stage

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

Oracy

Art gallery (cognitive) - Ask probing questions to gain a deep understanding of a subject or matter No outsiders (social and emotional) - Organise and lead group discussions independent of an adult

Book Talk

Fiction: Kai and the Monkey King Jo Todd-Stanton, The Talking Fish folktale Non fiction: Lessons from our ancestors Raksha Dave The Humans by Jonny Marx, Poetry: The Highwayman, Once by the Pacific

Writing Process

Story linked to class text Action, adventure and suspense narrative linked to Clockwork Instructions linked to Chinese New Year Classic narrative poetry linked to 'Bamboo and Turtle' Persuasive letter from Sunflower to be allowed into the village Performance poetry link to lost words

Grammar, Punctuation and Spelling

Tenses Word class Figurative language Parenthesis Semi colons Modal verbs

Computing

Coding using Scratch or Barefoot computing Online relationships Online Reputation

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

Music

The Planets Suite, Holst Glockenspiels & music notation Performance - perform own compositions through seesaw and Easter service

Personal, social and health education

Keeping safe and managing risk: making safer choices Keeping safe online. Violence in a relationship is not acceptable. Problems when someone goes missing from home.

Physical education

Tag Rugby Quicksticks Gym Dance

Religious education

Do religions change or do they stay the same?

Spanish

Spring 1: My home Spring 2: Clothes

Innovate Stage

Create a Museum for parents and the community to visit with artefacts from the Shang Dynasty. [Moving Mechanisms] - Designing and making a pneumatic prototype. [Taotie] - Making taotie pieces



Line, Light and Shadows **Art and design**

Art and design

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



Moving Mechanisms **Design and technology**

Oracy

Pneumatics (social and emotional) Give feedback in a sensitive and appropriate manner and adapt appropriately according to recipient
Reflect careful listening skills when talking in a group setting

Design and technology

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



Investigating Our World **Geography**

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



Taotie **Art and design**

Art and design

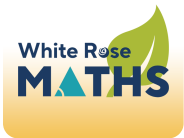
Taotie motifs; Casting methods; Watercolour



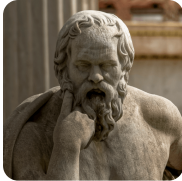
Forces and Mechanisms **Science**

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



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



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

The Orchard Book of Greek Myths by Geraldine McCaughrean Mythologica - Stephen Kershaw Who Let the Gods Out? Maz Evans

Book Shelf

Greek Myths: Meet the heroes, gods, and monsters of ancient Greece - Jean Menzies The Odyssey- David Walser Tales of the Greek Heroes- Roger Lancelyn Green The Ancient Greeks: Clever Ideas and Inventions from Past Civilisations (The Genius of)- Izzi Howell

Sustainability

9. Industry, innovation and infrastructure

Engage Stage

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

Oracy

Mythologica book (physical) - Deliberately vary movement and gesture to convey meaning such as speaking authoritatively as an 'expert' Consciously adapt tone, pace and volume of voice within a single situation Heracles (physical) - Speak fluently and clearly in front of any audience with an awareness of ethos, pathos and logos Adapt tone of voice in the right context such as reading (social and emotional) Adapt the content of their speech for a specific audience Lost words (physical) - Command the attention of an audience through speech and movement Debate (cognitive) - Structure a detailed argument or complex narrative based on a topic Be able to foresee counter- arguments to their own points in a debate using research and evidence (social and emotion) Speak with flair and passion

Book Talk

Fiction: King Midas, The Orchard Book of Greek Myths Non fiction: Mythologica, travel brochure Poetry: Comet, Singular

Writing Process

Playscript linked to The Tempest Fable/ myth/ legend narrative linked to '12 Labours of Hercules' Non- chronological report about Greek Mythical Creatures Travel brochure- Athens Poems with a structure linked to 'When I Grow Up' Newspaper link to who let the gods out

Grammar, Punctuation and Spelling

Speech punctuation Cohesive devices Formality Prefixes Apostrophes

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

Google docs and google slides. Creating a presentation linked to the topic. Self image and identity

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

The Fresh Prince of Bel Air Charanga Glockenspiels and music notation YuStudio Perform own compositions

Personal, social and health education

Drug, alcohol and tobacco education: Different Influences Risks associated with smoking drugs, including cigarettes, e- cigarettes, shisha and cannabis. Different influences on drug use-alcohol, tobacco and nicotine products. Strategies to resist pressure from others about whether to use drugs.

Physical education

Athletics Striking sports Gym

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

Summer 1: Olympics Summer 2: Planets

Innovate Stage

The ancient Greeks' greatest idea Dragon's Den debate. [Architecture] - Building design. [Mixed Media] - Creating mixed media artwork. [Expression] - Creating an Expressionist-style painting

Express Stage

Write an essay covering the topic learning.



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**

Computing

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



Computing Year 5 (22-23) **Computing**

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