



Kineton CE Primary School

Class plan - Year 5 Cycle A



Dynamic Dynasties **History**

Companions

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

Term

Autumn

Key texts

Cosmic by Frank Cottrell Boyce Kai and the Monkey by Joe Todd Stanton (graphic novel)

Additional texts

The Humans - Ancient Civilisations and Amazing Things They Taught Us by Jonny Marx. Queens - 3000 Years of the Most Powerful Women in History by Victoria Crossman.

Memorable experience

Residential - adventurous activity Plas Gwynant or Umberlade

Innovate challenge

Dynamic Dynasty Write and record a five minute podcast entitled Life after the Shang Dynasty.

English - genres

Diary entry (fiction) - Entertain - Liam's traumatic events Persuasive Letter (fiction) - Persuade - Florida to attend trip Biography (non-fiction) - Inform - Neil Armstrong Debate - Discuss - Should the children tell the news about being lost in space? Autumn 2 Monkey King Story (fiction) - Narrative - Advert - Persuade - based on an artefact Leaflet (non-fiction) - Persuade - Based on an artefact

English - punctuation

capital letters for proper nouns adjectives, verbs, nouns and adverbs sentence demarcation (capital letters, full stops, question marks, exclamation marks) tenses (past and present) 4 sentence types (question, exclamation, command, statement) Fronted adverbials Rhetorical questions Parenthesis

Art and design

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

Computing

Self Image and Identity Online Relationship

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

Music

Tuned Instrument - Recorders Melody and Harmony in Music Sing and Play in Different Styles

PSHE

Physical health and wellbeing: In the media. Identify, society, and equality: Stereotypes, discrimination and prejudice (including tackling homophobia). Taking Care Project.

PE

Gymnastics - Travelling and Turning (Earthquakes) Invasion in a Team Dance - Rock and Roll Rules and Concepts (Invasion)

RE

God What does it mean if God is loving and holy? Incarnation Is Jesus the messiah?

Science

[Forces and Mechanisms] - 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] - 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

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

Term

Spring

Key texts

The Lion, the Witch and the Wardrobe by C S Lewis Bloom by Nicola Skinner

Additional texts

Dr Maggie's Grand Tour of the Solar System by Dr Maggie Aderin Pocock. Space Maps - Your Tour of the Universe by Lara Albanese.

Memorable experience

Visit to Shakespeare's Birthplace.

Innovate challenge

Sow, Grow and Farm. Design a leaflet that informs a consumer about your market garden.

English - genres

Letter (fiction) - Discuss - Edmund letter to the siblings Setting Description - Narrative - Aslan returns Balanced Argument - Discuss - Should Edmund get his siblings to visit the Queen? Instruction - Inform - Truth potion Diary entry - Entertain - Day of the battle POETRY - Narrative Poem - Entertain

English - punctuation

Relative clauses Modal verbs Commas to clarify meaning Collective nouns Simple, Complex and Compound sentences Expanded noun phrases

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 Bullying Copyright & Ownership/Privacy & Security

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

Tuned Instrument - Recorders Composing and Cords Enjoying Musical Styles

PSHE

Keeping safe and managing risk: When things go wrong. Mental health and emotional wellbeing: Dealing with feelings.

PE

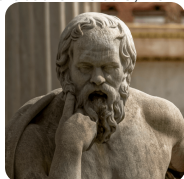
Gym- Abstract Angles Forest School Dance - Science - Space Accuracy and Rallies (Net Games)

RE

Why might ancient stories be so important for some worldviews today? Salvation What did Jesus do to save human beings?

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



Groundbreaking Greeks **History**

Companions

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

Term

Summer

Key texts

Who Let the Gods Out? – Maz Evans Leo and the Gorgon's Curse by Joe Todd Stanton (graphic novel)

Additional texts

Mythologica: An Encyclopedia of Gods, Monsters and Mortals by Dr Stephen Kershaw. Greek Myths: Meet the Heroes, Gods and Monsters of Ancient Greece by MK.

Memorable experience

Greek Historial Visitor

Innovate challenge

Groundbreaking Greeks Produce a podcast about the Ancient Greek's greatest idea.

English - genres

Press release (fiction) - Inform - about the escaped prisoner Descriptive setting writing (fiction) - Entertain - where the prisoner is kept. Character description - Entertain - Discuss and Inform POETRY - Narrative Poem - Entertain

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

Managing Online Relationships Health & Wellbeing

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

Tuned Instrument - Recorders Freedom to Improvise Battle of the Bands!

PSHE

Drug, alcohol and tobacco education: Different influences. My Feelings, Friends and Family.

PE

Exploring, Striking & Fielding Swimming Olympic Trainng - Athletics Cricket

RE

What might it mean to live well? Gospel What would Jesus do?

Science

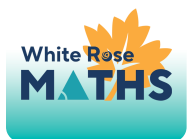
[Properties and Changes of Materials] - Properties of materials; Thermal conductivity; Measuring temperature; Thermal insulators; Solubility; Heterogeneous and homogeneous mixtures; Sieving; Filtration; Evaporation; Separating unusual mixtures; Reversible and irreversible changes; Innovative materials;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



Y5 Computing **Computing**

Computing

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



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



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



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

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