The Woodlands Community Primary School

Class plan - LKS2 Cycle B Sept 2024 Cycle A

Through the Ages History

Companions

- Animal Nutrition and the Skeletal System Science
- Contrast and Complement (Y3) Art and design
- Cook Well, Eatwell Design and technology
- One Planet, Our World Geography
- Prehistoric Pots Art and design

Suggested text

Stig of the Dump – Clive King. One Planet, Our World - Collins Primary Atlas - Collins Kids; The Street Beneath My Feet - Charlotte Guillain

Memorable experience

Prehistoric visit. Cook Well, Eatwell - Healthy balanced diets. Prehistoric Pots - Bell Beaker pottery

Innovate challenge

Archaeological investigation. Animal Nutrition and the Skeletal System - Let's investigate focus: Asking and answering questions. Cook Well, Eatwell - Making a taco filling. Prehistoric Pots - Making Bell Beaker-style pots

Art and design

Contrast and Complement (Y3) - Colour theory; Colour wheel; Tertiary colours; Warm and cool colours; Complementary colours; Analogous colours. Prehistoric Pots - Significant people – Bell Beaker culture; Sketching; Clay techniques; Making Bell Beaker-style pots

Geography

Human features; Stone Age monuments. One Planet, Our World - Maps; Locating countries; Human and physical features; Four-figure grid references; Primary data; Compass points; Earth's layers; Plate tectonics; Latitude and longitude; European countries and cities; UK counties and cities; Carbon footprints; Weather and the local environment; Land use; Fieldwork; Local enquiry

Design and technology

Cook Well, Eatwell - Food groups; Eatwell guide; Methods of cooking; Cooking appliances; Hygiene rules; Making taco fillings

English

Narratives; Instructions; Cinquains; Chronological reports

History

Historical vocabulary; Prehistory; Stone Age; Bronze Age; Iron Age; Chronology and timelines; Everyday life; Tools and weapons; Settlements; Stonework and metalwork; Religion and beliefs; Wealth and power; Invention and ingenuity; Evidence and enquiry

Science

Animal Nutrition and the Skeletal System - Living things; Carnivores, herbivores and omnivores; Human diet; Human nutrition and food groups; Fatty foods; Seasonal changes in animals' diets; Human skeleton; Joints; Muscles; Skeleton types – endoskeletons and exoskeletons; Working scientifically – Identifying and classifying, Observing changes over time, Comparative test, Pattern seeking, Research

Y3 WRM – Autumn (v3.0) Mathematics

Mathematics

Block 1: Number – Place value; Block 2: Number – Addition and subtraction; Block 3: Number – Multiplication and division

Rocks, Relics and Rumbles **Geography**

Companions

- Forces and Magnets **Science**
- Ammonite **Art and design**
- Making It Move **Design and technology**
- People and Places **Art and design**

Suggested text

The Firework-Maker's Daughter – Philip Pullman

Memorable experience

Let's rock!. Ammonite - Exploring ammonites. Making It Move - Machines and mechanisms. People and Places - Drawing figures

Innovate challenge

Red alert!. Forces and Magnets - Let's investigate focus: Observing, measuring and recording. Ammonite - Sculpting ammonites. Making It Move - Designing and making an automaton toy. People and Places - Creating LS Lowry-style artwork

Art and design

Ammonite - Sculpture. People and Places - Figure drawing; Urban landscapes; Significant artist – LS Lowry

Geography

Layers of the Earth; Rocks; Plate tectonics; Ring of Fire; Features of volcanoes; Lines of latitude and longitude; Volcanic eruptions; Earthquakes and tsunamis; Compass points; Maps

Design and technology

Making It Move - Cam mechanisms; Designing and making automaton toys; Cutting, joining, strengthening and finishing

English

Non-chronological reports; Poetry; Newspaper reports; Diaries

Computing

Databases

History

Significant people – Mary Anning; Pompeii

Music

Graphic scores

Science

Rocks; Fossils; Soils. Forces and Magnets - Pushing and pulling forces; Contact forces; Friction; Force meters; Bar charts; Non-contact forces; Magnetism; Magnetic attraction and repulsion; Magnetic fields; Magnetic properties; Magnetic Earth; Uses of friction and magnetism; Working scientifically – Identifying and classifying, Pattern seeking, Comparative tests, Research

Y3 WRM – Spring (v3.0) **Mathematics**

Mathematics

Block 1: Number – Multiplication and division; Block 2: Measurement – Length and perimeter; Block 3: Number – Fractions; Block 4: Measurement – Mass and capacity

Emperors and Empires History

Companions

- Plant Nutrition and Reproduction Science
- Beautiful Botanicals Art and design
- Greenhouse Design and technology
- Light and Shadows Science
- Mosaic Masters Art and design

Suggested text

Roman Tales: The Goose Guards – Terry Deary

Memorable experience

Living museum. Beautiful Botanicals - Botanical weavers. Greenhouse - Greenhouse design. Mosaic Masters - Exploring mosaics

Innovate challenge

Historical reports. Plant Nutrition and Reproduction - Let's investigate focus: Planning and carrying out. Beautiful Botanicals - Botanical exhibition. Greenhouse - Planning and making a mini greenhouse. Light and Shadows - Let's investigate focus: Reporting and concluding. Mosaic Masters - Mosaic masters

Art and design

Beautiful Botanicals - Weaving with natural materials; Botanical art and illustration; Observational drawing; Unit and lino printing; Botanical study. Mosaic Masters - History of mosaics; Sketching; Mosaics

Geography

Maps

Design and technology

Beautiful Botanicals - Weaving on a loom. Greenhouse - Features of greenhouses; Significant designers – Sir Joseph Paxton and Sir Nicholas Grimshaw; Strengthening techniques; Using tools and safety rules; Properties of materials; Constructing strong frameworks

English

Biographies; Letters; Myths; Poetry

History

Chronology; Everyday life in ancient Rome; Founding of Rome; Power and rule; Roman Empire; Significant emperors; Social hierarchy; Roman army; Roman invasion of Britain; Significant people – Boudicca; Everyday life in Roman Britain; Romanisation of Britain; Roman withdrawal; Roman legacy

Science

Plant Nutrition and Reproduction - Plant parts; Root systems; Stems; Water transport; Investigating leaves; Life cycle of flowering plants; Flower parts; Researching pollination; Seed formation and dispersal; Variation in plant needs; Working scientifically – Identifying and classifying, Observing changes over time, Pattern seeking, Research, Comparative test. Greenhouse - Requirements of plants for growth and survival; Testing properties of materials; Observation. Light and Shadows - Light; Light sources and reflectors; Reflective and non-reflective materials; Sun safety and protection; Shadows; Opaque, transparent and translucent materials; Changes in shadows; Working scientifically – Identifying and classifying, Observing changes over time, Comparative tests, Pattern seeking, Research

Y3 WRM – Summer (v3.0) Mathematics

Mathematics

Block 1: Number – Fractions; Block 2: Measurement – Money; Block 3: Measurement – Time; Block 4: Geometry – Shape; Block 5 – Statistics

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

Y3 Computing **Computing**

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

Staying safe online; Evaluating digital content; Algorithms and debugging