



# Kibblesworth Academy

## Class plan - Willow 2023 2024



Dynamic Dynasties

History



Firedamp and Davy Lamps

History



Sow, Grow and Farm

Geography



Groundbreaking Greeks

History

Art and design	Tints, Tones and Shades (Y5) - Colour theory; Colour wheel; Mixing tints, shades and tones; Landscapes. Taotie - Taotie motifs; Casting methods; Watercolour	Art appreciation – Pitmen Painters; Sketching	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	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
Suggested text	Bronze and Sunflower – Cao Wenxuan		The Secret Garden - Frances Hodgson Burnett	Who Let the Gods Out? – Maz Evans
Memorable experience	The Yellow Emperor and the Xia Dynasty. Taotie - Exploring taotie motifs. Moving Mechanisms - Exploring pneumatics	Mining museum visit	Allotment visit. Line, Light and Shadows - Line up!. Nature's Art - Working outdoors. Eat the Seasons - Seasonality	Time team. Mixed Media - Paper craft. Expression - What is Expressionism?. Architecture - Architecture over time
Innovate challenge	Life after the Shang Dynasty. Taotie - Making taotie pieces. Moving Mechanisms - Designing and making a pneumatic prototype	New exhibition	Market gardeners. Line, Light and Shadows - Creating artwork with line, light and shadows. Nature's Art - Creating an installation. Eat the Seasons - Seasonal soups	The ancient Greeks' greatest idea. Mixed Media - Creating mixed media artwork. Expression - Creating an Expressionist-style painting. Architecture - Building design
Geography		Natural resources; Sketch maps; Energy	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	Interpreting geographical sources
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	Timelines; The Industrial Revolution; Mining disasters; Mining strikes	Dig for Victory	Ancient Greek periods – Minoan civilisation, Mycenaean civilisation, Dark Age, Archaic period, Classical 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
Personal, social and health education		Health and safety rules; Opinions	Debating topical issues	



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Science		Rocks; Properties of materials	Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming	
English	Narrative poems; Biographies; Stories from another culture	Explanations; Inference	Non-chronological reports; Diaries; Leaflets; Balanced arguments	Greek myths; Balanced arguments; Playscripts; Odes
Design and technology	Moving Mechanisms - Pneumatic systems; Joining and finishing; Iterative design process; Building pneumatic machine prototypes		Seasonality. Eat the Seasons - Cooking; Nutrition	Mixed Media - Fabric and mixed media collage; Stitching and embellishment. Architecture - Architecture over time; Greek architecture; Structural support, stiffness and stability; Computer-aided design; Building design



### Animal Nutrition and the Skeletal System

Science



### Forces and Magnets

Science



### Plant Nutrition and Reproduction

Science



### Light and Shadows

Science

Innovate challenge

Let's investigate focus: Asking and answering questions

Let's investigate focus: Observing, measuring and recording

Let's investigate focus: Planning and carrying out

Let's investigate focus: Reporting and concluding

Science

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

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

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

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



Y5 Computing

Computing



Y3 WRM – Summer (v2.0)

Mathematics



Y3 WRM – Autumn (v3.0)

Mathematics



Y3 WRM – Spring (v3.0)

Mathematics

Mathematics

Block 1: Number – Equivalence, Addition with fractions, Subtraction with fractions; Block 2: Measurement – Problems (measurement), Time; Block 3: Geometry – Shape, Patterns and symmetry, Angles; Block 4: Measurement – Problems (measurement), Weight and mass, Volume and capacity, Temperature

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

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

Computing

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



Pentecost

Religious education



Passover

Religious education



Holi

Religious education

Memorable experience	Learning languages	Special meal	Meaning of colour
Innovate challenge	Exploring communities	Thinking about freedom	Exploring needs
Religious education	Pentecost; Community	Plagues of Egypt; Seder plate; Traditions and customs; Freedom	Meaning of colour; Holi celebrations; Needs