



Thurlstone Primary School

Class plan - Year 5 Y1 to Y6 curriculum



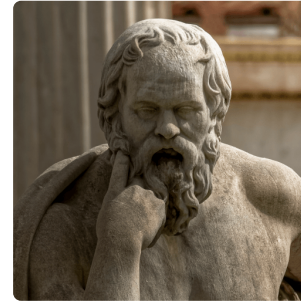
Dynamic Dynasties

History



Sow, Grow and Farm

Geography



Groundbreaking Greeks

History

Planned term

Autumn

Spring

Summer

Suggested text

Class Story: The Boy at the Back of the Class (modern literature)
Clockwork by Philip Pullman

Class Story: The Kite Rider (linked to topic) Children's choice of classic literature: Beowulf, The Lion, The Witch and The Wardrobe, Charlotte's Web.

Class Story: The Breadwinner (other cultures) Greek-themed book of children's choice: Who Let the Gods Out?, To the Edge of the World, a variety of Greek myths

English - writing	Cosmic by Frank Cottrell-Boyce (narrative) The Highway Man by Alfred Noyes (poetry) Emporer Penguins (nonchronological report)	The Fantastic Flying Books of Mr Morris Lessmore by Moonbot Studios (Narrative) Kick by Mitch Johnson (persuasive letter) Zoo by Anthony Browne (narrative) Refugees (speech)	Rose Blanche by Ian McEwan (Narrative) The Malfeasance (poetry) David Attenborough (biography)
English - reading	Cosmic by Frank Cottrell-Boyce(narrative) The Highway Man by Alfred Noyes (poetry) Emporer Penguins and similar texts (non-fiction text)	Unspoken Hidden Figures Kick by Mitch Johnson Zoo by Anthony Browne (narrative) A variety of speeches	Rose Blanche by Ian McEwan (narrative) The Malfeasance (poetry) David Attenborough (biography) plus a range of other biographies
Mathematics	Place Value: Numbers to 10,000 Roman numerals Rounding to 10, 100 and 1,000 Numbers to 100,000 Compare and order numbers to 100,000 Round numbers within 100,000 Numbers to a million Counting in 10s, 100s, 1,000s, 10,000s and 100,000s Compare and order numbers to	Multiplication and Division: Multiply 4-digits by 1-digit Multiply 2-digits (area model) Multiply 2-digits by 2-digits Multiply 3-digits by 2-digit Multiply 4-digits by 2-digits Divide 4-digits by 1-digit Divide with remainders	Decimals: Adding decimals within 1 Subtracting decimals within 1 Complements to 1 Adding decimals - crossing the whole Adding decimals with the same number of decimal places Subtracting decimals with the same number of decimal places Adding decimals with a different number of decimal places

one million Round numbers to one million Negative numbers Addition and Subtraction: - Add whole numbers with more than 4 digits (column method) Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Inverse operations (addition and subtraction) Multistep addition and subtraction problems Statistics: Read and interpret line graphs Draw line graphs Use line graphs to solve problems Read and interpret tables Two-way tables Timetables Multiplication and Divison: Multiples Factors Common factors Prime numbers Square numbers Cube numbers Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiples of	Fractions: - Improper fractions to mixed numbers Mixed numbers to improper fractions Number sequences Compare and order fractions less than 1 Compare and order fractions greater than 1 Add and subtract fractions Add fractions within 1 Add 3 or more fractions Add equivalent Fractions Add mixed numbers Subtract fractions Subtract mixed numbers Subtraction - breaking the whole Subtract 2 mixed numbers Multiply unit fractions by an integer Multiply non-unit fractions by an integer Multiply mixed numbers by integers Fraction of an amount Using fractions as operators Fractions,	Subtracting decimals with a different number of decimal places Adding and subtracting wholes and decimals Decimal sequences Multiplying decimals by 10, 100 and 1,000 Dividing decimals by 10, 100 and 1,000 Properties of Shape: Measuring angles in degrees Measuring with a protractor (1) Measuring with a protractor (2) Drawing lines and angles accurately Calculating angles on a straight line Calculating angles around a point Calculating lengths and angles in shapes Regular and irregular polygons Position and Direction: Position in the first quadrant Reflection Reflection with coordinates Translation Translation with coordinates Converting Units: - Kilograms and kilometres Millimetres and millilitres Metric units Imperial units Converting
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10, 100 and 1,000 Area
and Perimeter: -
Measure perimeter
Calculate perimeter
Area of rectangles Area
of compound shapes
Area of irregular shapes

Decimals and
Percentages: -
Decimals up to 2
d.p. Decimals as
fractions (1)
Decimals as
fractions (2)
Understand
thousandths
Thousandths as
decimals Rounding
decimals Order and
compare decimals
Understand
percentages
Percentages as
fractions and
decimals Equivalent
F.D.P

units of time Timetables
Volume: What is volume?
Compare volume
Estimate volume -
Estimate capacity

Science

Earth and Space Forces

Food chains and
webs; Life cycles;
Plant reproduction;
Growing plants;
Modern farming

Properties and changes of
materials

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

Dig for Victory

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

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; Relative locations and distances; Transport networks; Settlement hierarchy; Local enquiry; Fieldwork	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
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Art and design	[Tints, Tones and Shades (Y5)] - Colour theory; Colour wheel; Mixing tints, shades and tones; Landscapes. [Taotie] - Taotie motifs; Casting methods; Watercolour	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	
Design and technology	[Moving Mechanisms] - Pneumatic systems; Joining and finishing; Iterative design process; Building pneumatic machine prototypes	Seasonality. [Eat the Seasons] - Cooking; Nutrition	[Architecture] - Architecture over time; Greek architecture; Structural support, stiffness and stability; Computer-aided design; Building design
Music	Young Voices Practice	Charanga - How does music make the world a better place?	Charanga - How does music shape our way of life?

Computing	Design, write debug program Stop motion		Digital portraits
Physical education	Real PE - Year 5/6 - Unit 2 - Creative. 1 session per week. Football 1 session per week.	Real PE - Year 5/6 - Unit 4 - Physical Skills 1 session per week. Gymnastics 1 session per week. Real PE - Year 5/6 - Unit 1 - Cognitive 1 session per week. Tag Rugby 1 session per week.	Real PE - Year 5/6 - Unit 5 - Health and Fitness 1 session per week. Tennis 1 session per week Real PE - Year 5/6 - Unit 5 - Personal 1 session per week. Cricket 1 session per week.
Personal, social, health and emotional development	1 Decision Peer Pressure Smoking	1 Decision Looking Out for Others Anger Image Sharing	1 Decision Puberty Enterprise Inclusion and Acceptance

Religious education

Christianity - Key Q:
How can faith contribute to community cohesion?
Locally agreed syllabus
Christianity - Key Q:
Why are some times special? (linking to Christmas) Buddhism - Key Q: Why are these words special? Why are some places visited? How can faith contribute to community cohesion? Why are some times special? What can be learnt from the lives of significant people of faith? How do I and others feel about life and the universe around us?

Christianity - Key Q:
How can faith contribute to community cohesion? Locally agreed syllabus
Christianity - Key Q:
Why are some times special? (linking to Easter and Holy Week)

Locally agreed syllabus
Buddhism - Key Q: Why are these words special? Why are some places visited? How can faith contribute to community cohesion? Why are some times special? What can be learnt from the lives of significant people of faith? How do I and others feel about life and the universe around us?

Spanish

Know parts of the body orally and written, including the use of gender correct adjectives. Name and describe members of the family. Describe the weather orally and in writing. Name and describe pets. Learn the different forms of the verbs to have, to do and to be.

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