Thurlstone Primary School

Class plan - Year 4 Y1 to Y6 curriculum

	 Invasion **History**	 Misty Mountain, Winding River **Geography**	 Ancient Civilisations **History**
Planned term	Autumn	Spring	Summer
Suggested text	The Saga of Erik the Viking by Terry Jones and Michael Foreman Poems to Perform edited by Julia Donaldson	Demon Dentist by David Walliams King of the Cloud Forests by Michael Morpurgo	The Red Pyramid by Rick Riordan Treasure Island by Robert Louis Stevenson 20,000 Leagues Under the Sea by Jules Verne
English -writing	Iron Man by Ted Hughes BFG by Roald Dahl The Whale by Ethan and Vita Murrow	The River by Valerie Bloom Once upon a Raindrop by James Carter Sicily Holiday Brochure	Secrets of a Sun King by Emma Carroll Float by Daniel Miyares Journey by Aaron Becker The Creature

English- reading	Iron Man by Ted Hughes BFG by Roald Dahl The Whale by Ethan and Vita Murrow	The River by Valerie Bloom Once upon a Raindrop by James Carter Sicily Holiday Brochure	Secrets of a Sun King by Emma Carroll Float by Daniel Miyares Journey by Aaron Becker The Creature
Mathematics	Number: Place value - Count in multiples of 25 and 1000. -Count in multiples of 6 - Count in multiples of 7 - Count inmultiples of 9 - Count backwards through zero to include negative numbers. -Find 1000 more or less than a given number. - Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones) - Order and compare numbers beyond 1000. - Identify, represent and estimate numbers using different representations. - Round any number to the nearest 10, 100 or 1000. - Read Roman	Fractions - Recall multiplication and division facts for multiplication tables: 2, 3, 4, 5, 8 & 10 - Recall multiplication and division facts for multiplication tables: 6, 7, 9, 11 and 12 (new to year 4) - Recognise and show, using diagrams, families of common equivalent fractions. - Count up and down in hundredths. - Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. - Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole	Number: Place value - Count in multiples of 25 and 1000. - Count in multiples of 6 - Count in multiples of 7 - Count in multiples of 9 - Count backwards through zero to include negative numbers. - Order and compare numbers beyond 1000. - Round any number to the nearest 10, 100 or 1000. - Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value. -Solve number and practical problems that involve all of the above and with

numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value. - Solve number and practical problems that involve all of the above and with increasingly large positive numbers. Number: Addition & subtraction - Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate. - Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate. - Estimate to check answers to a calculation - Use inverse operations to check answers to a calculation - Solve addition and subtraction two step number. - Add and subtract fractions with the same denominator. Time - Convert between different units of measure (hours, minutes, seconds). - Read, write and convert time between analogue and digital 12 and 24 hour clocks. - Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days. Decimals - Recognise and write decimal equivalents of any number of tenths or hundredths. - Recognise and write decimal equivalents to ¼, ½, ¾ - Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths. - Round decimals with one decimal place to the nearest whole number. - Compare numbers with the same number of decimal places up to two decimal places. increasingly large positive numbers. Geometry: Properties of shapes - Identify acute and obtuse angles - Compare and order angles up to two right angles by size. - Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. - Identify lines of symmetry in 2D shapes presented in different orientations. - Complete a simple symmetric figure with respect to a specific line of symmetry. Geometry: Position &Direction - Describe positions on a 2D grid as coordinates in the first quadrant. - Describe movements between positions as translations of a given unit to the left/ right and up/down. - Plot specified points and

problems in contexts, deciding which operations and methods to use and why Multiplication & division - Recall multiplication and division facts for multiplication tables: 2, 3, 4, 5, 8 & 10 covered in previous year groups) - Recall multiplication and division facts for multiplication tables: 6, 7, 9, 11 and 12 (new to year 4) - Use place value, known and derived facts to multiply by 0 and 1 - Use place value, known and derived facts to divide by 1 - Use place value, known and derived facts to multiply together three numbers. - Recognise and use factor pairs and commutativity in mental calculations. - Multiply two-digit and three-digit numbers

- Order numbers with the same number of decimal places up to two decimal places. Measures -Convert between different units of measure: mass (kg/g) and capacity/volume (l/ml) - Convert between different units of measure: height/length (km, m, cm, mm) - Estimate, compare and calculate different measures, including money in pounds and pence. - Solve simple measure and money problems involving fractions and decimals to two decimal places.

draw sides to complete a given polygon.# Statistics - Interpret and present discrete (e.g. number counted) data using appropriate graphical methods: bar charts Interpret and present continuous (e.g. measure/time) data using appropriate graphical methods: time graphs. - Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. Addition & subtraction, multiplication & division - Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate. - Subtract numbers with up to 4 digits using the formal

by a one digit number using formal written layout. - Divide two digit and three-digit numbers by a one digit number using formal layout - Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit - Solve integer scaling problems. Perimeter & area - Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and meters. - Find the area of rectilinear shapes by counting squares.

written methods of columnar subtraction where appropriate - Use inverse operations to check answers to a calculation - Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why. - Recall multiplication and division facts for multiplication tables: 2, 3, 4, 5, 8 & 10 (covered in previous year groups) - Recall multiplication and division facts for multiplication tables: 6, 7, 9, 11 and 12 (new to year 4) - Recognise and use factor pairs and commutativity in mental calculations. - Multiply two-digit and three-digit numbers by a one-digit number using formal written

		layout. - Divide two-digit and three-digit numbers by a one-digit number using formal layout - Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit - Solve integer scaling problems - Solve harder correspondence problems such as n objects are connected to m objects.
Science	Water cycle; Habitats; Changing environments	

History	Roman withdrawal from Britain; Chronology of invasion; Anglo-Saxon invasion; Anglo-Saxon kingdoms, beliefs and customs; Religion; Everyday life in Anglo-Saxon Britain; Viking invasion; Everyday life in Viking Britain; Significant people – King Athelstan; Norman invasion; Legacy	Features of civilisations; Ancient Sumer; Ancient Egypt; Indus Valley civilisation; Artefacts; Timelines; New inventions and technology; Everyday life; Social hierarchy; Significant leaders; End of ancient civilisations

Geography	Geographical sources. [Interconnected World] - Compass points; Four and six-figure grid references; Tropics of Cancer and Capricorn; Countries, climate and culture of North and South America; Significant physical features of the UK; Renewable and non-renewable energy; National Rail network; UK canal network; Fieldwork; Local enquiry	Rivers; Maps; Grid references; Contour lines; Physical processes – erosion, transportation and deposition; World rivers; Aerial images; Mountains; UK mountains; World mountains; Compass points; Water cycle; Soil; Altitudinal zones; Data analysis
Art and design	[Contrast and Complement (Y4)] - Colour theory; Colour wheel; Tertiary colours; Warm and cool colours; Complementary colours; Analogous colours. [Warp and Weft] - Weaving; Exploring yarns	[Vista] - Landscape; Perspective. [Animal] - Significance of animals in art; Drawing; Printing, Clay sculpture

Design and technology	[Fresh Food, Good Food] - Food preservation techniques; Exploring food packaging; Prototypes; Designing, making and packaging healthy snacks	Mountain climbing equipment	[Tomb Builders] - Simple and compound machines
Music	Whole Class Trumpet	Whole Class Trumpet Composing lyrics Charanga - Mamma Mia	Whole Class Trumpet Charanga - Lean on me
Computing	Digital recordings	Images; Algorithms; Video	Programming; Video editing; Multimedia presentations
Physical education	Real PE: Fundamental Movement Skills Netball & Football Dance	Real PE: Fundamental Movement Skills Gymnastics Tag Rugby	Real PE: Fundamental Movement Skills Athletics Cricket
Personal, social, health and emotional development	Recognising achievements 1 Decision: Keeping safe, staying safe (Baseline cycle safety) Keeping/staying healthy (Healthy Living)	Healthy bodies 1 Decision: Growing and Changing Interruption of resources 1 Decision: Being responsible/Feelings and Emotions.	1 Decision: Computer Safety 1 Decision: The working world/A world without judgement

Religious education	Locally agreed syllabus (Christianity and Hinduism) 1. Why are some places special? 2. Why are these words special?	Locally agreed syllabus (Christianity and Hinduism) 1. Why are some times special? 2. How can faith contribute to community cohesion?	Locally agreed syllabus (Christianity and Hinduism) 1. What can be learnt from the lives of significant people of faith? 2. How do I and others feel about the life and universe around us?
Spanish	- Recognise that all nouns have a gender. - Engage in a simple conversation as respond as appropriate.	- Speak and write basic greeting, introduce yourself and exchange feelings. - Tell someone your age, birthday and be able to say any given date on the calendar.	- Learn the names of the main colours, both orally and written, using the correct gender ending to match the noun they are describing. - Name and describe school supplies, using simple adjectives.