Thurlstone Primary School

Medium term plan - Year 4 Y1 to Y6 curriculum

						
	I am Warrior! History	Playlist Music	Burps, Bottoms and Bile Science	Misty Mountain, Winding River Geography	Traders and Raiders History	Blue Abyss Science
Planned term	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Class Text	Literacy/Reading - The Iron Man by Ted Hughes and Varmints by Helen Ward & Marc Craste Story Time - Thieves of Ostia by Caroline Lawrence	Literacy/ Reading - FaRther by Grahame Baker Smith and Until I Met Dudley by Roger McGough and Chris Riddell. Story Time - Poems to Perform by Julia Donaldson	Literacy/ Reading - Winter's Child by Angela McAllister and Grahame Baker-Smith and The Selfish Giant by Oscar Wilde and Michael Foreman or Alexis Deacon Story Time - Demon Dentist by David Walliams	Literacy/ Reading - The Lion and the Unicorn by Shirley Hughe and Odd and the Frost Giants by Neil Gaiman and Chris Riddell Story Time - The River Singers by Tom Moorhouse	Literacy/ Reading - Jonathan Swift's Gulliver by Martin Jenkins and Chris Riddell and Shackleton's Journey by William Grill. Story Time - The Saga of Erik the Viking by Terry Jones	Literacy/ Reading - The Lion the Witch and the Wardrobe by C.S. Lewis and Jabberwocky by Lewis Carroll and Joel Stewart. Story Time - Treasure Island by Robert Louis Stevenson

						
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Literacy	Character descriptions, short news report, letter of advice, menu (using descriptive devices), poetry, mystery narrative. Descriptive comparisons, retelling, setting descriptions, poetry	Retellings, recounts (postcards), setting descriptions, diary entries, explanation texts, Letters, posters.	Postcard (recount), dialogue, setting description as a letter, retelling, Letters, first person recount, diaries, letters, posters, reports.	Letters, diary entries, character and setting descriptions, non-chronological reports, narrative recount, character and setting descriptions, letters, short explanations	Character description, informative posters, persuasive leaflets, log book entries (recount), Packing lists (justifications), letters (formal and informal), interviews, diaries	Poem, eyewitness report, an imaginary conversation, writing in role, performance poetry, explanatory descriptions
Mathematics	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	Number: Multiplication & division -Recall multiplication and division facts for multiplication tables: 2, 3, 4, 5, 8 & 10 (covered in previous year groups) -Recall	Number: Fractions -Recall multiplication and division facts for multiplication tables: 2, 3, 4, 5, 8 & 10 (covered in previous year groups) -Recall multiplication and	Number: Decimals -Recognise and write decimal equivalents of any number of tenths or hundredths. -Recognise and write decimal equivalents to ¼, ½, ¾ -Find the	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	Statistics -Interpret and present discrete (e.g. number counted) data using appropriate graphical methods: bar charts Interpret and present

					
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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	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.	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	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. -Order numbers with the same number of decimal places up to two decimal	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 increasingly large positive	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. Number: Addition & subtraction, multiplication & division -Add numbers with up to 4 digits using the formal written methods of columnar addition

					
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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 increasingly large positive numbers. Number: Addition & subtraction -Add numbers with up to 4 digits using the formal written methods of columnar addition	-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 -Measures: Perimeter & area	quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. -Add and subtract fractions with the same denominator. Measures: 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	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	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	where appropriate. -Subtract numbers with up to 4 digits using the formal 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

						
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	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 problems in contexts, deciding which operations and methods to use and why.	-Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and meters. -Find the area of rectilinear shapes by counting squares.	hours to minutes; minutes to seconds; years to months; weeks to days.	places. (From Number: Fractions)	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 draw sides to complete a given polygon.	& 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-

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						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		Sound. [How do plugs work?] - Science investigation:	Teeth types; Tooth decay and hygiene; The digestive system;	Water cycle; Habitats; Changing environments		Living things and their habitats; Animals, including humans; Working

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		Electricity. [What conducts electricity?] - Science investigation: Electricity. [Can you make a circuit from play dough?] - Science investigation: Electricity	Working scientifically. [How do smells get up your nose?] - Science investigation: States of matter. [What is spit for?] - Science investigation: Animals, including humans			scientifically
Geography	Comparing Britain and Italy; Using maps; Locational knowledge; Human and physical geography	Location of countries		Rivers; Maps; Grid references; Contour lines; Physical processes – erosion, transportation and deposition; World rivers; Aerial images; Mountains; UK	Using maps; Settlements; Europe	Seas and oceans of the world; The Great Barrier Reef; Environmental issues

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				mountains; World mountains; Compass points; Water cycle; Altitudinal zones; Data analysis		
History	The Roman Empire and its impact on Britain				Anglo-Saxons and Vikings	19th century ocean exploration
Art and design	Drawing; Sculpture; Mosaic; Jewellery	Music-inspired art		[Vista] - Landscape; Perspective	Patterns and print making; Sketchbooks	Observational drawing; 3-D models; Clay sculpture; Anthony Gormley; Batik; Printing; Seascapes
Computing		Digital recordings	Images; Algorithms; Video		Animation; Images	Programming; Video editing;

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						Multimedia presentations
Design and technology	Shields and helmets; Roman food; Roman designs	Making instruments	Healthy foods; Textiles; Working models	Mountain climbing equipment	Making weapons and jewellery; Models of Anglo-Saxon homes; Clay rune stones	Designing submarines; Working models
Physical education	Real PE: Fundamental Movement Skills Netball & Football	Real PE: Fundamental Movement Skills Dance	Real PE: Fundamental Movement Skills Gymnastics	Real PE: Fundamental Movement Skills Tag Rugby	Real PE: Outdoor Adventurous Activities Tennis	Real PE: Athletics Cricket
Personal, social and health education	Recognising achievements 1 Decision: Keeping safe, staying safe (Baseline cycle safety)	1 Decision: 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

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Music		Music of the 20th century	Charanga - Mamma Mia		Composing lyrics	Charanga - Lean on me
RE Christianity and Hinduism		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	Name and describe school supplies, using simple adjectives

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History

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Music

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Science

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match the noun
they are describing