

Our Year 5 Curriculum

Subject	Term 1 (Sept / Oct)	Term 2 (Nov / Dec)	Term 3 (Jan / Feb)	Term 4 (Mar / Apr)	Term 5 (Apr / May)	Term 6 (June / July)
English	Grammar - Standard / non-standard English; word classes; relative clauses / pronouns; commas, dashes, brackets		Grammar - relative clauses, commas for clarity, standard English, direct/reported speech; modal verbs / adverbs		Grammar - Using prefixes; creating cohesion using adverbials, repetition and pronouns; use commas, brackets and dashes to indicate parenthesis, difference between spoken and written language * Plus, consolidation / extension of all Year group objectives	
Mathematics	Read, write, order and compare numbers up to 1 000 000 Negative numbers Rounding to the nearest 10, 100, 1000, 10000, 100000 Read Roman numerals Add / Subtract - mentally / formal written method (more than 4 digits) Solve addition/subtraction multi-step problems	Line graphs Tables/timetables Multiply/divide mentally Multiply/divide by 10, 100 and 1000 Identify multiples and factors, including common factors Squared / Cubed / Prime numbers Solve problems involving a combination of all 4 operations Area and Perimeter of rectilinear shapes	Multiply by 1 and 2-digits (formal written method) Short division-interpret remainders Compare and order fractions Equivalent fractions Convert mixed numbers and improper fractions Add and subtract fractions (same denominator or denominators that are multiples of the same number) Multiply fractions by whole numbers Write decimals as fractions	Read, write, order and compare decimal numbers Thousandths Round decimals to nearest whole number / 1 decimal place Write percentages as a fraction and a decimal Fraction/decimal/percentage equivalents	Multiply/divide whole numbers and decimals by 10, 100 and 1000 Use all 4 operations to solve problems involving measure Estimate and compare acute, obtuse and reflex angles Draw / measure angles Identify angles: in a turn/ on a straight line Nets of 3d shapes Properties of rectangles Regular / irregular polygons Reflection Translation	Convert metric units of length and weight Use approximate equivalences between metric and imperial measures Solve problems involving converting units of time Estimate volume and capacity Solve problems involving measures using all 4 operations
SMSC/SRE	See Planning Cycle for Autumn Spring and Summer 1 Curriculum Planning	Summer 2 Growing and Changing Children will learn about the physical changes associated with puberty. They will understand how puberty affects body hygiene and know how to care for their bodies during puberty. They will learn their emotions will change as their bodies do and will learn strategies in how to deal with these.				
Computing	Coding	Spreadsheets	Databases	Game Creator	Concept Maps	Modelling
Online safety is essential to computing so this is done throughout the year.						

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Subject	Term 1 (Sept / Oct)	Term 2 (Nov / Dec)	Term 3 (Jan / Feb)	Term 4 (Mar / Apr)	Term 5 (Apr / May)	Term 6 (June / July)
English	Grammar - Revise word classes; learn the grammar of word structure - subject, verb, object, adverbial; colons, lists and bullet points; hyphens and dashes; semi-colons, colons and dashes to mark boundaries between main clauses		Grammar - Cohesion; colons; bullet points; active / passive; abstract nouns; formal writing		Comprehension Revision Grammar, Punctuation and Spelling Revision * Plus, consolidation / extension of all Year group objectives	
Mathematics	Read, write, order and compare numbers up to 10,000,000 Rounding Negative numbers Addition / Subtraction multi-step problems Multiplication / Division (4 digits by 2 digits) Mental calculation Factors, Multiples and Prime numbers BODMAS	Simplify fractions Compare and order fractions Generate / describe number sequences (inc. fractions) Add / Subtract fractions Multiply / Divide fractions Convert fractions to decimals Recall / use equivalences between fractions, decimals and percentages Describe positions on a co-ordinate grid Draw / translate shapes on co-ordinate grid Reflect shapes in the x- or y- axis	Multiply / Divide decimal numbers Solve problems involving rounding decimals up / down Solve problems involving calculating / comparing percentages Algebra - simple formula Generate / describe linear number sequences Express missing number problems algebraically Find pairs of numbers that satisfy an equation with 2 unknowns	Convert measurements of length, weight, volume and time Use formula for area and volume Calculate area of parallelograms Calculate, estimate and compare volume of cubes and cuboids Ratio and Proportion Scale Factors	Draw 2d shapes with given dimension / angles Compare / classify shapes Find missing angles Circles - radius, diameter, circumference Interpret / construct pie charts Calculate the Mean as an average	Post-SATs investigations
SMS/SRE	See Planning Cycle for Autumn and Spring Curriculum Planning	Becoming Men and Women Children learn to consider different attitudes and values about gender stereotyping and sexuality. Children can recognize and challenge gender stereotypes. They learn what values are important in relationships for friendships and intimate relationships. Children learn how a baby is made and grows (conception and pregnancy). They learn about the responsibilities of carers and parents. Children will be able to ask and answer questions about sex and relationships with confidence and will know where to find support and advice if they need it.				
Computing	Coding	Networks	Text Adventures	Blogging	Quizzing	Binary
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Year 5 and 6 do the same topics on a two year cycle. Here is the Creative Curriculum for the next two years.

Sycamore, Elm and Oak Class (year 5 and 6) - 2018/19

Cycle A 2018/19	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Creative Curriculum	Gallery Rebels	Darwin's Delight	Blood Heart	Frozen Kingdom Eco	Extreme Weather Eco	Pharoahs
Science	Changing Circuits	Evolution and Inheritance	Great British Scientists : Anning, Wallace and Darwin's Evolution Explore the movement of gears - in relation to their size and number	Classifying Organisms David Attenborough	Seeing Light	Healthy Bodies
<i>Working Scientifically (ongoing development):</i>	<i>Working Scientifically (ongoing development): Identify and classify; observe closely, using simple equipment; perform simple tests; use observation and ideas to suggest answers to questions; gather and record data;</i>					
Art/DT	Art topic					
RE Trip to Synagogue JEWISH WORSHIP	Identity See Unit 4 plans 18/19 <u>Also SMSC Topic</u>		Jewish Worship and Community Includes the lessons: Features of Worship; Prayer; Community Rituals; Giving in the Community; and Expressing Faith	Where did the Christian Bible come from? Includes the lessons: A Best- Seller; A History; A Compact Library; Language Matters; and Tell The Truth.	Sikh Worship and Community Includes the lessons: What Sikhs Believe; Prayer; Entering the Community; The Langar; and Sewa	What is the Qur'an and why is it important for Muslims? Includes the lessons: A Sacred Book; Names of Allah; A Book of Guidance; Through The Generations; and Why it is Important.
SMSC/SRE	What makes Britain Great? Children will consider the changing face of Britain over the 20 th Century. They will look at the ethnic make-up of Britain and compare and contrast this to the ethnic make-up of Oldham? Making comparisons between them, children will consider migration and immigration to and from Britain and how the British Values have influenced this. They will learn about some of the laws which protect children in the UK and how they differ from laws abroad.	Friend or Foe? Children will learn to define bullying and conflict and understand the difference between this and 'falling out'. They will identify types of bullying and the growing concern of the role of ONLINE bullying and its impact on young lives and mental health. They will learn that there are good and bad relationships and how to deal with unhealthy relationships.	Not so Social Media! Children will understand the dangers there can be on social media and the reasons for age limits on some sites. They will learn what to do If they feel threatened by anything online. They will produce a set of rules for staying safe online and know how to use the internet to ensure they stay safe.	Saying No! Children will learn the effects of smoking, drugs and alcohol have on our bodies. They will consider the reasons why people start these habits and consider strategies to SAY NO under peer pressures.	Critical Consumers. Learn about the role that money plays in their own and others lives and look at comparison sites online and discover the importance of being a 'Critical Consumer' and making 'moneywise choices' on purchases. They will develop an initial understanding of the concept of interest, debt and tax (e.g their contribution to society by the payment of V.A.T)	SRE is taught in year groups at this age. Please see below.
PE	Throughout the school year, PE is varied and enhances pupils skills. The curriculum includes lots of sports, gymnastics, athletics and dance as we take part in lots of competitions at different ability levels. Our lunchtime and after school clubs promote different aspects of the PE curriculum including 'Girls Can' Club - which allows the quieter girls to participate in PE of their choice. PE includes: Football, Handball, Volleyball, Dodgeball, Basketball, Tag Rugby, Sports Hall Athletics, Netball, Rounders, Cricket, Golf and Hockey.					

Sycamore, Elm and Oak Class (year 5 and 6) – Cornerstones and Science 2019/20

Cycle B 2019/20	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Creative Curriculum	Identity 5wk Black History 3 wk	Stargazers	A Child's War		Beast Creator	Tudors (Off with their heads)
Science	Great British Scientist : Hawking, Black Holes and Gravity	Earth and Space	Forces in Action	Properties and Changes in Materials	Life Cycles	Changes and Reproduction
<i>Working Scientifically (ongoing development):</i>	Working Scientifically (ongoing development): Identify and classify; observe closely, using simple equipment; perform simple tests; use observation and ideas to suggest answers to questions; gather and record data;					
Art/DT	Stained glass windows		Anderson Shelters with lights inside (circuits)		Observational drawings Real life drawings eg insects/plants	Holbein - Tudor Portraits?
RE Visit to a Cathedral WHAT IS IN A CHURCH	Identity How do people express their faith through the arts? Includes the lessons: Expressing Emotions; Musical Moods; Colour Codes; Painted Symbols; Islamic Art; and Religious Drama	Buddhist Worship and Beliefs Includes the lessons: Who was Buddha?; Core Beliefs; The Path to Enlightenment; Karma and Reincarnation; Temples and Shrines; and Ways of Worship. Manchester Buddhist Temple - organise talk from a Buddhist	Why is Muhammad important to Muslims? Includes the lessons: A Revealing Life; His Historical Impact; The Qur'an; A Daily Inspiration; and Influential People.	What is a church? <i>Includes the lessons: The Foundation; Focussing for Worship; Local Culture; Serving Communities; Global Communities; and What have we learned?</i> <i>Churches around the world - how same/different</i> Visit to a Cathedral		What happens when we die? Includes the lessons: Big Questions; Expressing Feelings; Loss; Remembering; and Rituals.
SMSC/SRE	The changing town of Oldham. Through studying the history of the cotton industry, children will understand how immigration changed Oldham into the diverse town it now is. They will question family members and friends who have moved to Oldham and consider their reasons for doing so. Children will celebrate the diversity of their home town and consider its future changes alongside the difficulties it continues to face.	Stand by Me. Children will develop an awareness of feelings and emotions in ourselves and we grow and begin to form different opinions to our peers. They will look at healthy ways to express emotions and will explore the role of victims, bullies and bystanders consider some strategies to help to be a good friend in a difficult situation.	Online Grooming. Children will learn what grooming means and how people are affected by online grooming. They will begin to understand different types of grooming including sexual exploitation and religious radicalization and how to spot the signs and seek help or advice.	Addiction. Children will learn the meaning of addiction and will study how people become addicted to legal drugs (e.g smoking, sleeping tablets, pain killers) and illegal drugs. They will learn how addiction affects their finances and the costs to the physical and mental health of addicts.	Dreams and Goals. Children will learn about a range of jobs carried out by people they know and understand how they can develop skills to make their own contribution to society in the future. They will learn what is meant by enterprise and begin to develop enterprising skills as they start to consider their own futures.	SRE is taught in year groups at this age. Please see below.
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Year 5....

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Year 6

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