Bloxwich Academy
'Be The Best You Can Be'

Curriculum Framework Overview Year 6

Curriculum Drivers

Culture – growth mindset, high standards, aspirational **Diversity** – celebrating the diversity of the community with strong PSHE and SMSC curriculums
Environment – independent learning, extensive vocabulary, incidental learning, developing cultural capital

Term	Autumn	Spring	Summer
PSHE	Dreams & Goals Being me in my World	Healthy Me Celebrating Difference	Relationships Changing Me
School Values and Attributes	Being the best you can be Law Abiding	Open Minded High Expectations We are a telling school	Independent Caring & Understanding Helpful & Respectful
Employer encounters links to topic	Electrician Electrical Engineer Solar Energy Consultant Archivist Transportation Planner Graphic Designer Sports Coach Web Developer	Urban Planner Environmental Scientist Cardiologist Data Manager Editor News Reporter Author Dietician	Polar Scientist Marine Biologist Structural Engineer Civil Engineer Palaeontologist Museum Curator Game Developer 3D Artist
Topic Titles	**Britain at War**	**Frozen Kingdoms**	**Maafa**
Reading Whole Class Text	Goodnight Mr Tom	Wolf Wilder	Freedom 1783
Mathematics *Number*	Place Value	Ratio	Shape (measure and classify angles, calculate angles, vertically opposite angles, angles in a triangle, angles in

Measurement *Shape* *Statistics*	(numbers to 1,000,000, numbers to 10,000,000, powers of 10, number lines, compare and order any integers, round any integer, negative numbers) ### Addition, Subtraction, Multiplication & Division (add and subtract integers, common factors, common multiples, rules of divisibility, primes to 100, square and cube numbers, multiply up to a 4-digit number by a 2-digit number, short division, division using factors, long division, multi-step problems, order of operations, mental calculations and estimation, reason from known facts) ### Fractions (equivalent fractions and simplifying, number lines, compare and order, add and subtract fractions, add and subtract mixed numbers, multi-step problems, multiply fractions by integers and fractions, divide a fraction by an integer, fraction of an amount) ### Converting Units (metric measures, convert metric measures, miles and kilometres, imperial measures)	(add or multiply, use ratio language, ration symbol, scale drawing, use scale factors, similar shapes, ratio problems, proportion problems, recipes) ### Algebra (1 and 2 step function machines, form expressions, substitution, formulae, form equations, solve 1 and 2 step equations, find pairs of values, solve problems with two unknowns) ### Decimals (place value within 1, integers and decimals, round decimals, add and subtract decimals, multiply and divide by 10, 100 and 1,000, multiply and divide decimals by integers) ### Fractions, Decimals & Percentages (decimal and fraction equivalents, fractions as division, fractions to percentages, equivalent fractions, decimals & percentages, order fractions, decimals & percentages, percentage of an amount, missing values) ### Area, Perimeter & Volume (shapes – same area, area and perimeter, area of a triangle, area of a parallelogram, volume – counting cubes, volume of a cuboid) ### Statistics (line graphs, dual bar charts, read and interpret pie charts, pier charts with percentages, draw pie charts, the mean)	quadrilaterals, angles in polygons, circles, draw shapes accurately, nets of 3-D shapes) ### Position and Direction (the first quadrant, read and plot in four quadrants, translation, reflections) ### Themed Projects, Consolidation & Problem Solving (White Rose Bakery, White Rose Tours, White Rose Futures)
Science	### Living Things and their Habitats (conditions for life, group organisms, classify animals, classify plants, microorganisms, classify microorganisms, Carl Linnaeus) ### Electricity (construct and draw series circuits using symbols, complete and incomplete circuits, variations within circuits, voltage experiment) ### Renewable Energy (What is renewable energy? Using renewable energy)	### Light (how we see, light and straight lines, shadow formation, shadow experiment, refraction, explore light) ### Light Pollution (What is light pollution? How can we reduce light pollution?) ### The Circulatory System (the circulatory system, blood, the heart, blood flow in the heart, oxygenated and deoxygenated blood, dissection of the heart)	### Variation (variation, characteristics) ### Adaptations (animal adaptations, plant adaptations, evolution, Charles Darwin, natural selection, Darwin's finches, how plants and animals evolve over time too adapt to their environments) ### Fossils (fossil formation, compare fossils, explore fossils, Mary Anning)

<table>
<tr><td></td><td colspan="2"></td><td colspan="2">Diet, Drugs and Lifestyle
(diet, drugs, cigarettes, heart rate experiment)</td><td colspan="2"></td></tr>
<tr><td>Computing</td><td>Computing Systems and Networks
Communication and Collaboration</td><td>Creating Media
Web Page Creation</td><td>Programming
Variables in Games</td><td>Data and Information
Introduction to Spreadsheets</td><td>Creating Media
3D Modelling</td><td>Programming
Sensing Movement</td></tr>
<tr><td>History / Geography</td><td colspan="2">Britain at War
(causes of the First World War, volunteering to fight, start of WWI, life in the trenches, weaponry, key events, impact of WWI, end of the WWI, causes of the Second World War, warring nations of WWII, preparing for war, beginning of WWII, weaponry and technology, battle of Britain, impact on British civilians, Anne Frank, decisions of leaders)

Our Changing World
(features of Earth, time zones, using lines of latitude and longitude, scale on maps, scale and distance, grid references, contours and symbols, climate change, extreme weather, trade around the world, natural resource management, road safety data, road safety fieldwork, human settlement patterns)</td><td colspan="2">Frozen Kingdoms
(polar climates, polar day and night, polar oceans, polar landscapes, climate change, natural resources, indigenous people, tourism in the Antarctic, classification, classification keys, adaptations, polar adaptations, polar discovery, significant decisions, Shackleton, the unsinkable Titanic, investigating icebergs)</td><td colspan="2">Maafa
(Ancient African kingdoms and empires, kingdom of Benin, Benin bronzes, gold, god and glory, Britain and the Maafa, triangular slave trade, human impact, life on a Caribbean plantation, evidence of life on plantations, resistance, revolt and refusal, benefits of enslavement for Britain, abolition of slavery, life after abolition, colonisation of Africa, black people in Britain in the 20th century, race relations act, lives of black people in Britain today)</td></tr>
<tr><td>Art & Design / Design and Technology</td><td colspan="2">Make Do and Mend
(deconstruct, stitch, repair, sewing, recycling, repurposing old clothes and materials)

Distortion and Abstraction
(abstraction by line, colour and shape, abstract perspective, Guernica, orphism)

Bees, Beetles and Butterflies
(insect artists, observational drawing, mixed media collages of beetles, pop art bees)</td><td colspan="2">Inuit
(Inuit art, Inuit carvings, Inuit paintings, The Enchanted Owl, Kenojuak Ashevak)

Environmental Artists
(recycle, reuse and repurpose, ocean art, political art, natural and urban environment)

Engineer
(bridges and engineers, features of bridges, strengthening paper bridges, triangles for strength, designing a bridge prototype)</td><td colspan="2">Trailblazers, Barrier Breakers
(breaking barriers, critical analysis, in the style, significant black artists)

Tints, Tones and Shades
(tints, tones and shades in landscape, drawing landscapes, creating landscape paintings, colour wheel, mixing tints)

Food for Life
(exploring processed foods, homemade bread, whole moods, designing a healthy meal, making a healthy meal)

Colour and Style
(colour theory, colour palettes, primary, secondary, tertiary, complementary, analogous, warm and cool colours)</td></tr>
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Religious Education	Exploring Key Leaders – Sikhs and Hindus (who are Sikhs? Who are Hindus? Key leaders from Sikh and Hindu regions, stories of Guru Nanak, how Sikhs follow Guru Nanak, are gurus still important today, Mahatma Gandhi, Pandurang Shastri Athavale, inspirational people Hindus admire, Sikh and Hindu leaders, who is inspiring to me)	Exploring Right and Wrong with Christians and Humanists (Do rules matter? What is a code for living? What codes for living do non-religious people use? good & bad, Christian codes for living, values game, is peace worth more than money? can we create a code of living that would help the world?)	Religions and Temptation (What is temptation? Reacting to temptation, consequences and what happens if you give into temptation, forgiveness, Christians and Muslims on temptation, intentions, good people, resisting temptations, choices) Expressing Spiritual Ideas Through the Arts (spiritual, Sikh art and architecture, Muslim calligraphy, painting and architecture, music in Christian worship, expressing a variety of ideas and feelings to God, objects Christians use to help them concentrate on and think about God, colours expressing feelings, spiritual expression)
Physical Education	Football (develop fundamental skills, refine their passing and receiving technique, practise dribbling, develop their ability to dodge, develop their ability to mark a player, develop their ability to shoot using different techniques, participate in competitive games) Leadership (investigate and discuss how best to deliver activities, thinking about voice projection, tone of voice, confidence, revisit the topic of risk assessments and will create their own) Swimming (learn a range of swimming skills, perform a feet first surface dive and feet first sculling over a width, learn to swim under water, practise treading water for 30 seconds, practise push and glide techniques, work towards swimming 25m front crawl) Dance (know the names and definitions of the 6 dance actions, understand and be able to give an explanation of what a dance motif is, work cooperatively as part of a group, develop their ability to time their movements to the beat of the music)	Gymnastics (continue practising and improving the quality of fundamental skills, improve the quality of individual balances, learn the technique for the more advanced individual balance handstand, develop the technique for forward and backward rolls, create a sequence incorp orating apparatus) Hockey (continue to develop fundamental skills, refine their passing and receiving technique, practise dribbling, develop their ability to mark a player, develop their ability to shoot using different techniques (hitting, slapping, flicking) and will learn to shoot on their reverse stick) Tag Rugby (focus on developing the fundamental skills of the game, develop their passing focusing on passing on the move with the correct amount of power, develop their ability to carry the ball at pace, learn how to catch one-handed)	Basketball (focus on developing the fundamental skills of the game, develop different passes focusing on power and accuracy, practise catching on the move, develop their ability to dribble utilising the space available, develop their ability to mark a player) Tennis (continue practising their rallying skills, practise forehand and backhand groundstrokes, develop their volleying technique, know the ready position and the benefits, participate in competitive games) Striking & Fielding (practice striking and fielding skills focusing on improving the quality, practise throwing overarm, underarm, catching, bowling and batting, develop their bowling technique, practise long and short barriers when fielding, practise catching the ball over a variety of distances) Athletics (focus on improving the quality of their performance, practise utilising the correct grip, practise long jump and high jump focusing on using arms and legs to generate power on take-off and landing safely with good balance, practise pacing themselves correctly over different distances)

MFL (French)	Review of Y3-5 The Time Daily Routine Physical Description	My Personality Clothes and Colours Shopping for Clothes	In the City & Directions At the Café Professions A Letter from France
Music	Happy (Pharrell Williams) Classroom Jazz (Bacharach Anorak)	A New Year Carol (Benjamin Britten) You've Got a Friend (Carole King)	Music and Me (Both Sides Now) Reflect, Rewind and Replay (Consolidation)