



ACTON GARDENS PRIMARY SCHOOL
Year 6 Curriculum Map 2022-2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>Book: The Children of Willesden Lane First person narrative Newspaper reports</p> <p>Links: History</p>	<p>Book: The Children of Willesden Lane Recount (Diary)</p> <p>Information text Links: Science</p>	<p>Suspense Narrative Noir fiction- 3rd person</p> <p>Mary Anning or Charles Darwin Explanation Biography Links: Science</p>	<p>Book: Odysseus (PoR) Adventure narrative</p> <p>Book: Shackleton's Journey Report Writing PoR</p>	<p>Performance Poetry</p> <p>Links: Science, Geography</p>	TBC
Mathematics	<p>Place Value Addition Subtraction Multiplication Division</p>	<p>Fractions Decimals Percentages</p>	<p>Decimals Percentages Measurement</p>	<p>Algebra Ratio Geometry Statistics</p>	<p>4 Operations (Revisit) W1 Algebra (W2-3) Perimeter, Area and Volume (W4) Ratio (W5-6)</p>	<p>Statistics (W7-8) Geometry – Properties of Shape (W9-10) Project Work: Planning, Application of Skills, Working Systematically, Reasoning, Problem Solving, Evaluating (W11-12)</p>
Science	<p>Animals inc. Humans -Healthy Bodies Historical Enquiry, Food Groups, Circulation, Explanation Text, Heart rate experiment, Muscles, Lifestyles</p> <p>E.Q: How are we similar/different to animals? Why? Why do our hearts beat differently?</p>	<p>Living Things and their Habitats Aristotle, Linnaeus, Classification, 5 Kingdoms, Information Texts, Microorganisms, Yeast Experiment</p> <p>E.Q: Can we save a local nature reserve?</p>	<p>Evolution and Inheritance Biology Mary Anning, Biography Text, Offspring, Darwin, Tree of Life, Story of Evolution, Adaptation</p> <p>E.Q: Are humans perfectly evolved now? How has adaptation affected humans?</p>	<p>Electricity (Year 4 catch-up) Circuits and conductors</p>	<p>Electricity Lamps, voltage of cells, volume of a buzzer, compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches, circuit symbols</p> <p>E.Q: How can we manage electricity consumption at school?</p> <p>E.Q: How can we build a sustainable school?</p>	<p>Light How light behaves, reflection, light sources, shadows, experiment</p> <p>E.Q: Can light bend?</p>
Art/DT	<p>Art Still Life Sketching Looking at work of Paul Klee and sketching building/landmarks in his style. End Point: Sketch the school in style of Klee, using watercolours to add colour.</p>	<p>DT Construction - Shelters Structures, Research, Design and Making of a 3D shelter, health & safety using tools</p>	<p>Art Painting (perspective) Eric Ravillious Local artist Experiment with using poster & acrylic paint. Create foregrounds, backgrounds and mid grounds in landscape paintings. End Point: Trip to Gunnersbury Park to sketch a landscape scene, paint scene in following lesson w/ choice of medium.</p>	<p>DT Embroidery: Making skirts Design/Make/Evaluate Research, design, sewing skills, evaluation</p>	<p>Art Printing/ Clay sculpture: TBC</p>	<p>DT Cooking – Festival and celebrations: Food hygiene, preparation, recipes, instructional writing, soup making, cutting skills</p> <p>Diversity E.Q: How are cultural diets different and are they balanced?</p>
Computing	<p>Algorithms Understand and write simple algorithms in MS Word</p>	<p>Coding Designing and writing a program that accomplishes a specific goal. Children can explain what Object, Action, Output, Control and Event are in computer programming. Can explain which commands they included in their program and what they achieve. Introducing text variables. Can explain what a variable is in programming. Can set/change the variable values appropriately. Know some ways that text variables can be used in coding.</p>	<p>Online Safety Children have a good understanding of the various areas of online safety that they have studied throughout school. Children can apply their computing skills and knowledge to plan a game to teach online safety rules. Understand the dangers of the Internet. Children understand safety aspects of blogging and how blogs like 2Blog can protect them from online safety issues that blogs on the Internet do not.</p>	<p>Spreadsheets Children can create a spreadsheet to answer a mathematical question relating to probability. Can take copy and paste shortcuts. Can problem solve using the count tool. Using formulas. Can create a machine to help work out the price of different items in a sale. Can use the formula wizard to create a formula. Can use a spreadsheet to solve a problem. Can use a spreadsheet to model a real life situation and come up with solutions. Can make practical use of a spreadsheet to help plan actions.</p>	<p>Binary To examine how whole numbers are used as the basis for representing all types of data in digital systems. Recognise that digital systems represent all types of data using number codes that ultimately are patterns of 1s and 0s (called binary digits, which is why they are called digital systems), also binary represents numbers using 1s and 0s and these represent the on and off electrical states respectively in hardware and robotics.</p>	<p>Networks Children know the difference between the World Wide Web and the internet. Children know about their school network. Children have researched and found out about Tim Berners-Lee. • Children have considered some of the major changes in technology which have taken place during their lifetime and the lifetime of their teacher/another adult. Understand different types of networks.</p>
French /Catch-up curriculum	<p>Le weekend The weekend Asking and talking about regular activities Saying what you don't do Asking and saying what other people do Talking about what you like/dislike doing</p>	<p>Les vêtements Clothes Asking & saying what clothes you'd like Giving opinions about clothes Saying what clothes you wear Asking and talking about prices (including numbers 60-80)</p>	<p>Ma journée My day Asking and talking about daily routine Asking and talking about breakfast Talking about details of a typical day</p>	<p>Les transports Transport Talking about forms of transport Asking and talking about where you're going and how you get there Talking about plans for a trip Buying tickets at the station</p>	<p>Le sport Sport Talking about which sports you like Saying what you think of different sports Giving reasons for preferences Talking about a sporting event</p>	<p>On va faire la fête! We are going to party! Revising forms of transport, places and immediate future plans Revising descriptions of people and clothes Revising opinions of food and clothes Ordering food in a café</p>

Religion & Philosophy		Judaism The Story of Abraham, Worship, Passover, Hanukkah, Relationship with God		Worship The Theme of Worship across Religions, The 5Ws of Worship, Buddhist Worship, Sikh Worship, Meditation, writing a Balanced Argument	Philosophy – Debates Introduction to Philosophy, How to formulate a philosophical question, Conducting a philosophical debate	
PSHE and Safety	Health and Wellbeing/ Rights Respecting Peer pressure, being healthy/active, smoking, drugs, alcohol, being safe online, bullying. Class Charter, Goals, British Values,		Living in the wider world Feelings Staying safe online, dealing with cyber-bullying, mental health, challenging stereotypes, importance of budgeting.			Relationships Education What is a good friend, healthy relationships, growth mind-set, RSE, FGM, Needs and responsibilities.
Geography				Coasts Environments, Co-ordinates, Coastal features, Erosion, Coastal defences EQ: A beautiful or dangerous feature of our country?	Earthquakes/San Andreas Fault A close study of physical and human features. EQ: How can the terrain differ within a continent?	
History	World War II Outbreak of war, evacuation, rationing, The Role of Women, The Holocaust, Key Events, Winston Churchill. EQ: What was the significant impact of a global war on children?		Ancient Greece Chronology, democracy, Battle of Marathon, narrative writing, Olympics EQ: How did the Ancient Greeks influence the world around them and how can we see that today?			Early Islamic Civilisation (A study of Baghdad) Baghdad AD900, designing and planning a new city, House of Wisdom, the fall of Baghdad EQ: How has the Early Islamic Empire impacted on modern-day life?
Music	Renaissance/Baroque Periods – Music History Unit Music & Maths – Music Notation Introduction to keyboard – Instrumental lesson		Classical/Romantic Ends – Music History Unit Music and Maths – Music Notation/value/Dunations using both hands on keyboard (5 fingers position):Instrumental lesson		Jazz/Latin/World music – Music History Unit Composition on – body percussion and music notation Using both hands (playing independently) – Instrumental lesson	
Physical Education	Hockey Cricket Indoor athletics Tchouckball	Leadership Dance	Gym Net & Wall Games	Archery NAK/Boccia Invasion Games	Tag Rugby Cricket	OAA Athletics
Special Events	Harvest Festival	Black History Week Anti-Bullying Day Remembrance Day Christmas	E-Safety Day	World Book Day Easter		Sports Day
British Values	Democracy	Rule of Law	Respect	Tolerance	Individual Liberty	Contribution & Responsibility
Character Values	Transcendence Appreciation of Beauty Gratitude Hope Humour Spirituality	Wisdom Creativity Curiosity Judgement Love of Learning Perspective	Moderation Forgiveness Modesty Prudence Self-Control	Courage Bravery Persistence Honesty Zest	Justice Team-Work Fairness Leadership	Humanity Love Kindness Social Intelligence
Principles of Harmony	Diversity (RE) EQ: How do Jewish people show commitment to god?	Adaptation (History) EQ: What was the significant impact of a global war on children?	Interdependence (History) EQ: How did the Ancient Greek influence the world around them and how can we see that today?	Oneness (Geography) EQ: Coasts - A beautiful or dangerous feature of our country?	Cycles (Science) EQ: How can we build a sustainable school?	Health/Healthy living (DT) EQ: How are cultural diets different and are they balanced?
Principles of Geometry	Leaves Using rulers and protractors to form a geometric leaf	Rotational (radial) symmetry poppies	Pythagorean snails	Logarithmic spiral wave	3D geometry Making volcanoes?	Islamic prayer mat patterns
Trips	The Jewish Museum (London) – History (Nov. 2021)		Science Museum		Latin residential – Vindolanda (Latin Club) PGL	Gunnersbury Shrek Go Ape Putt in the park/Bowling

Key: Blue – links with other subjects

Green – Enquiry Based Questions linked to Principles of Harmony

Red – General Enquiry Based Questions