



St Andrew's C of E Junior School - Year 6 – Long Term Plan 2022 - 2023

Subject	Autumn	Spring	Summer – Urban Pioneers
	GG – Peace and Conflict Values- UNITY	Global Goals: Sustainable Development Values – Responsibility	Global Goals: Social Justice Values - Equality
Religious Education	DAS U2.1 Why do some people believe in God? UC U2.2 Creation and science: Conflicting or complementary?	DAS U2.5 Is it better to express your belief in arts and architecture or in charity and generosity? UC U2.5 What do Christians believe Jesus did to save people?	UC U 2.6 For Christians, What kind of king is Jesus? DAS U2.3 What do religions say to people when life gets hard?
English	At St Andrew's we use a range of texts, and visual literacies to support the teaching of writing. Over the course of each half term, we study a range of genres, which culminate in a final piece of extended writing in each area.		
	Texts studied during first half term: The Explorer (Katherine Rundell) Non-Chronological reports (English) Children will look at the features and structure of non- chronological reports before writing their own inspired by the Amazon rainforest. Persuasive reports (English) Children will look at examples of persuasive texts and structure their own about deforestation. Diary Writing (English) Using the class text as a basis, show understanding of characterisation of the main characters. Poetry(English)(H) Explore two well-known World War 2 poems, Flanders Fields and Dolce est decorum est.	Texts studied during first half term: The Just So Stories (Rudyard Kipling) Narrative: classic fiction (Rudyard Kipling Just So Stories) Children will write their own narrative story based upon The Just So stories, drawing upon their knowledge of evolution and inheritance. Information text: hybrid Children will design a hybrid creature, and write an information text about it, explaining the reasons for its adaptations, including its habitat, climate, diet etc. Film and play scripts Link to the class text. Poems with imagery Children will use a range of figurative devices to write poems linked to animals/flora/fauna.	Texts studied this term: The Boy at the Back of the Class Traditional tales: legends Children will study a range of Islamic Traditional folk tales and legends. They will use these as a basis to write their own version. Instructional/procedural texts Chn will study and write instructions for a range of purposes. Biography Children will study key features of biographies and write a short biography about a significant person of their choice – link to values of social justice and equality. Free verse Children will explore a range of poems and poetic devices.

	Letter and postcard writing Using primary sources from our WW2 study, the children will write home as an evacuee or a soldier from their evacuated home/post. Newspaper Report Report about bomb damage in Manchester. Traditional Tales from different cultures. (English)(H) Read a range of German traditional tales. Children will create their own traditional tale based upon these.		
	To ensure each child in our school makes progress, we have a guided comprehension lessons once a week. We also encourage reading at home with pupils bringing home a reading book at their appropriate level monitored using reading records.		
	We follow the National Curriculum spelling framework, teaching key spelling rules for the appropriate age range. We also set spellings every week to practise at home and in school.		
	Pupils build upon grammatical features that are appropriate for the age range. This is supported by the teaching of varied sentence types. Grammar is integrated throughout the writing units.		
Mathematics	At St Andrew's, we use the White Rose Hub materials. This resource promotes a journey and long-term goal, achieved through exploration, clarification, practise and application over time. At each stage of learning, pupils should be able to demonstrate a deep, conceptual understanding of the topic and be able to build on this over time. We also complete 'Key Skills' every day to reinforce arithmetic skills.		
	Number and place value Ordering and comparing numbers up to one million, including negative numbers. Rounding number to the nearest: 10, 100, 1000, 10000 Calculation Standard methods of: addition, subtraction, multiplication and division. Estimate and use inverse operations. Factors, common factors, multiples, common multiples, primes to 100, squares and cubes Calculate time differences between European and S. American cities and countries.	Number and place value Decimals up to 2 and 3 d.p. Understanding thousandths Fractions Associate a fraction with division and calculate decimal and percentage equivalents. Compare and order fractions, including improper fractions. Calculation Understand the meaning of BODMAS and the application in calculations.	Geometry Measuring with a protractor, draw lines and angles correctly, angles on a straight line, angles on a point. Calculating angles, angles of a triangle, angles of quadrilaterals, angles of polygons, nets of 3-D shapes. Consolidation and SATS preparation

	Fractions Equivalence, simplifying and converting improper to mixed numbers. Compare and order by numerator or denominator. Addition, subtraction and multiplication of fractions. Geometry Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	Understand how to check accuracy of calculations by using the inverse operation. Measurement Use formulae for area and volume of shapes. Calculate perimeters of compound shapes. Measurement Converting and calculating metric and imperial measures. Ratio and fractions, calculating ratio, using scale factors. Geometry Shape, area, perimeter, area of triangles and parallelograms, Volume	
Topic	Living things and their habitats (Science) Children will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. Human and physical geography & Locational Knowledge (Geography) (G) Children will identify positions of the tropics, the equator and vegetation belts. Using an atlas, they will look at the continents and in particular South America; locate countries, capitals and natural landmarks. They will learn about the layers of a rainforest as well as the human and physical repercussions of deforestation.	Evolution and inheritance (Science) (RE) Children identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. Human and Physical Geography (Geography) Children will learn about annual temperature variances and precipitation data and how these affect the types of vegetation and animal species found there. (Link to Science Evolution and adaptation) George Seurat (Art and Design) (Post-impressionist) Artist study and understanding the concept of the artist's method and applying his pointillism	Electricity (Science) Use recognised symbols when drawing own circuits. Compare and give reasons for variations in how components function. Investigate the brightness of a bulb / loudness of buzzers by creating own dimmer circuits. Investigate the voltage of cells used in a circuit. Computing Networks and the World Wide Web Explore the impact / improvements/ hindrance of the internet upon our lives. Microsoft Excel Using formulas, creating tables, gathering data and analysing. Study of early Islamic civilisation including Baghdad AD900. (History)

	Including types of settlement, land use and economic activity. Children will identify lines of latitude and longitude, and calculate time differences around the world. Frieda Kahlo (Art and Design) (V) Artist study. Oil pastel impressions of the rainforest, with self-portraits in the style of Frida Kahlo. D&T Design, create and evaluate a purse/pencil case using sustainably sourced material – link into deforestation Computing(G) Look at how computer networks and the world wide web can provide opportunities for communication. Blogging/vlogging/e-mailing. Using search engines safely. French modes of travel and direction (French) Directions of North, South, East and West. Methods of travel PE Netball Gymnastics Peace and Conflict during WW2 (History) Explore and evaluate a variety of primary and secondary sources to understand what life was like in Hadfield during WW2. Light (Science) Plan, conduct and evaluate experiments that allow children to recognise that light appears to travel in straight lines. Explain	technique to create an animal of their choosing. Design and debug programs (Computing) Scratch program used to create questions and answers game. Working with input and output and changing backdrops for different levels. Sending and receiving messages as prompts. Link to Geography and Science work. D&T Design, create and evaluate a tropical fruit salad or smoothie. Discuss adaptation of crops due to climate and environment. (Link to science and geog). Discuss responsibility (carbon footprint). How can we grow tropical fruit in our climate? Internet research tasks (Computing) French Food shopping in France and describing meals. Telling the time to the hour, half past, quarter to or quarter past. Traditional text: Hungry Caterpillar PE Health related fitness Indoor games Music Songwriter Exploring lyrics and melody Ukulele	Children will learn about the differences in the way of life between citizens of Baghdad and London, making links to other cultures. Rivers (Geography) Local Fieldwork Study Study of the local rivers, looking at erosion, depositing materials and potential pollution. Animals including humans (Science) Identify and name parts of the human circulatory system. Recognise the impact of diet, exercise, drugs and lifestyle on the way bodies function. Art and Design Children will study Pop Art (Andy Warhol, Keith Haring, David Hockney) and create their own pop art piece. D&T Control technology – using circuits to make games and activities. French French travel and places of interest and historical importance of the Eiffel Tower. PE Athletics Summer games (rounders and short tennis) Music Pentaglocks Leavers Concert Performance Singing
--	---	---	--

that objects are seen because they give out or reflect light into the eye. Explain and understand why shadows have the same shape as objects that cast them.

Art

Silhouette pictures.

Chalk and charcoal work to create a winter scene after studying the work of Pieter Bruegel

Social Media platforms (Computing) – how to use these safely. What are the benefits of these? How can we use them responsibly / recognise acceptable and unacceptable behaviour.

Music

Musical processes

Use of voice and body percussion.