AVANTI COURT
PRIMARY SCHOOL

Avanti Court Primary School Curriculum Overview Year 5 2016-2017

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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Value	**Empathy**	**Self-discipline**	**Respect**	**Integrity**	**Courage**	**Gratitude**
Main Theme	**Autumn 1 IPC Unit:-The Great, Bold and the brave**	**Autumn 2 IPC Unit:- Myths and Legends**	**Spring 1 IPC Unit:- Go with the Flow (River Ganges Focus)**	**Spring 2 IPC Unit:- Space explorers**	**Summer 1 IPC Unit:- What a wonderful world**	**Summer 2 IPC Unit:- The holiday show**
English (Spoken Language, Reading, Writing, Handwriting)	**The Butterfly Lion** Biography/Autobiography Narrative (fantasy) Diary Entry Information Text Significant Authors	**The Fib – and other short stories** Narrative (stories with issues and dilemmas) Recount Discussion/Balanced Argument Performance Poetry-Slam	**Street Child** Narratives (Historical setting) Information Text/Research (link with River Ganges) Non Chronological Reports (link with Topic)	**Mufaro's Beautiful Daughters** Narratives (stories from other cultures) Persuasion Text Explanatory Text **The Highwayman** Narrative Poetry: Play-scripts Drama	**The Lion, The Witch & The Wardrobe** Narrative (film) Recounts (link with Topic) Instructional Text	**The Lion, The Witch & The Wardrobe** Narrative (film) Procedural Text (create an Information text link with Topic) Poetry Recital (learn poems by heart
Grammar	Subordinate clauses/conjunctions/noun phrases/adverbials/verbs: present/past Perfect/Relative clauses/ Punctuation	Multi-clause sentences/embedded clauses/tenses/ Apostrophes/punctuation	Complex sentences Sentence starters/adverbials/ Relative clauses/verbs/modal verbs/figurative Language	Verbs/active & passive/apostrophes/ Conjunctions/relative clauses	Conjunctions/ clauses Relative clauses Prepositional phrases Tenses Apostrophes Adverbials	Passive voice Relative clauses Punctuation Adjectives and adverbs Modal verbs Conjunction
Maths	Number & Place Value Addition & Subtraction (Column Method) Measurement Money: Problem Solving Geometry: Properties of Space (3D shapes/cuboids) (angles) Statistics: Line graphs/ Read & interpret timetables	Addition and Subtraction (rounding/multi step problems) Multiplication, division, fractions (including decimals and fractions) prime number to 19 Measurement Time	Number & Place Value Addition & Subtraction (Calculation Policy) Measurement Geometry: Properties of Shape Statistics (reasoning)	Addition and Subtraction (column Method) Multiplication, division, fractions (including decimals and fractions) Measurement	Number & Place Value Addition & Subtraction (Column Method) Measurement Geometry: Properties of Space Statistics	Addition & Subtraction (in-depth) Multiplication, division, fractions (including decimals and percentages in depth) Measurement (in depth)

History	-The Roman Empire and its impact on Britain. Julius Caesar's attempted invasion in 55-54 BC ♣ the Roman Empire by AD 42 and the power of its army ♣ successful invasion by Claudius and conquest, including Hadrian's Wall ♣ British resistance, for example, Boudica ♣'Romanisation' of Britain: sites such as Caerwent and the impact of technology, culture and beliefs, including early Christianity.	Ancient Greece – a study of Greek life and achievements and their influence on the western world About societies that are well-known for their myths and legends About myths and legends from our host country About major events in the past		About what people in the past used to think about the Earth, Sun and Moon About Galileo and his findings about the Earth, Sun and Moon About the constellations and the stories that they tell How to make a timeline to show some of the important events in the history of astronomy and space		A local history study Examples An in-depth study linked to one of the British areas of study listed above ♣ a study over time tracing how several aspects of national history are reflected in the locality (this can go beyond 1066) ♣ a study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.
Geography	**Geography** Human and physical geography:- Types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world	**Geography** (focus is on Greece) locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities	**Geography** How the shape of the river is always changing How it changes the land through which it flows What happens when it floods What uses people make of rivers	**Geography** About the geographical features of Mars How we can prove that there was once water on Mars	**Geography** About different regions and environments around the world How to use different types of map to find out information About the forces and processes that shape our planet About extreme weather events and how they affect people and localities About the possible causes of climate change and its effects on	**Geography** About a tourist attraction in our local area About the role of our local Tourist Information Centre How maps can give us tourist information About tourism and its impact on regions, countries and cultures How we can create an eco-friendly, sustainable holiday resort

					our planet How man-made changes can alter/change our local environment	
Music	**Music** **How to write and perform our own Greek chorus** ♣ appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians ♣ develop an understanding of the history of music	**Music** appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians ♣develop an understanding of the history of music.	**Music** appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians ♣ develop an understanding of the history of music.	**Music** improvise and compose music for a range of purposes using the inter-related dimensions of music	**Music** -appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians ♣develop an understanding of the history of music.	**Music** ♣ improvise and compose music for a range of purposes using the inter-related dimensions of music
Art & DT	**Art** About Ancient Greek and Roman art How to create our own piece of art in a Greek or Roman style	**ART** How different artists have been influenced by myths and legends About the art of Ancient Egypt How to turn characters from myths and legends into comic book superheroes How to produce our own piece of art to represent a story we have written	**D&T** **Build a Bridge** About different types of bridges and how they are built How to build our own bridge to span a gap and support a weight	**D&T** About the technology that is being used to explore Mars How to design and make our own vehicle to explore a planet's surface	**Art** How 'Impressionists' saw the world Why Japanese printed art was so special How Abstract art developed How art and music influence each other	**ART** How feelings and emotions can inspire artists What local artists feel about the home or host country How we can show our feelings through art
Computing	**Computing – 3D Designer** How to create and manipulate 3D models using a range of tools How people use ICT professionally in their jobs and for leisure purposes. How to conduct a successful internet search and be discerningin evaluating	**Making The News** **Print, broadcast and online journalism** How we can crop and resize images to create a photo story How we can edit news stories to suit an online website	**Weather and Climate** what copyright is and how it affects the ways we research and use information on the internet How to use inputs and outputs to program an interactive online quiz about 'Weather and	**Switched On** How to give instructions to an on-screen robot How to create a flow chart to show a sequence of operations How to write a program to control a sequence of lights and	**What A Wonderful World** How to program an online quiz to test our knowledge of biomes	**Fairgrounds** How to use collaborative software for researching and sharing our learning How to use control technology to design, write and debug programs for a fairground ride simulation

	whether the results are reliable How to share information that we have discovered through collaborating and communicating with others online How to use and combine a variety of software to present data and information, with an awareness of the intended audience How to design and write computer programs using sequences of instructions and variables, inputs and outputs.		Climate' Why it's important to be respectful when leaving comments and feedback online	motors How we use a computer to sense light, temperature and sound		How to use sequence, selection and repetition in programs to create different design features for our fairground ride simulations How to use search engines effectively, and how to use technology respectfully and responsibly
Science	**Properties and changes of materials** • Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets • know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution • use knowledge of solids, liquids and gases to decide how	**Living Things and Their Habitats** • describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird describe the life process of reproduction in some plants and animals.	**NC: Animals including Humans** describe the changes as humans develop to old age.	**NC: Earth and Space** • describe the movement of the Earth, and other planets, relative to the Sun in the solar system • describe the movement of the Moon relative to the Earth • describe the Sun, Earth and Moon as approximately spherical bodies use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	**NC: Forces** • explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object • identify the effects of air resistance, water resistance and friction, that act between moving surfaces recognise that some mechanisms, including levers,	**Complete any areas of work that is left over and focus on investigations**

	mixtures might be separated, including through filtering, sieving and evaporating • give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic • demonstrate that dissolving, mixing and changes of state are reversible changes • explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.				pulleys and gears, allow a smaller force to have a greater effect.	
Spanish	Learn new food/drink items in different contexts; say whether items are (un)healthy; extend answers about likes/dislikes of items with connectives; engage in role-plays about items in the present and past (preterit) tenses; understand the Spanish version of The Hungry Caterpillar	Discuss musical preferences with extended answers that include adjectives and connectives; say musical instruments played; practise role-plays in a shop; learn an adaptation of the song 'I Am the Music Man'; explore rhythm; work in groups to create a rap.	Learn to say the alphabet using the names of Spanish speaking countries; understand and use names for places in local area to follow and give directions; describe local area with adjectives and simple opinions; say places that are in local area	Learn some animals from rainforest, talk about the weather and seasons; verbs: can/ can't (run, fly, jump and swing); describe some animals.	Learn to name and describe the planets; construct complex sentences using verbs, nouns, adjectives, qualifying adverbs, connectives and prepositions; consolidate knowledge of the	Plan their holidays in Spain: accommodation, transport, and places; going to; recap previous lessons through a project: make their own Spanish books.

					planets in a display at end of unit.	
PSHE	New Beginnings School charter School Rules	GETTING ON & FALLING OUT Bullying	GOING FOR GOALS Achievements Goals and Desires	GOOD TO BE ME Contentment Satisfied with who you are	RELATIONSHIPS Peer relationships Family Friends	CHANGES New School Body Changes
PRE	Creation and Destruction	Symbols: Their Significance And Meaning	Building and Sustaining Communities	Good Company, Personal Choice and Holy People	Part 1: The Mahabharata And Leadership Part 2: The Mahabharata: Background To Arjuna's Dilemma	
Physical Education	Val Sabin Athletics	Val Sabin Gymnastics	Val Sabin Dance	Val Sabin Field Games	Val Sabin Sports Day Practise	Val Sabin Sports Day Practise
Visits/Visitors	British Museum/Redbridge Museum	Church	Hindu Temple– Soho Visitor- Aryan's mum	Science Musuem	ECO Visitor	Local Travel Agent