


Year 5



The upper key stage two topics are outlined below, along with the New National Curriculum subject that drives the topic. In addition to these, objectives from each of the other foundation topics will be taught. There may be some variation of the order of when these are taught.

Year 5 						
Subject	Units of work (please indicate timings with each unit)					
English	Visual Literacy – Fantastic beasts and where to find them (Letters, Balanced arguments, persuasive writing, biographies, diary,)	Instructions, picture book, independent topic	Literacy week The Highwayman Read and understand, Write as a narrative story, perform and drama. Possibly persuasive writing.	We are advertisers – FLS persuasive writing	The Piano – visual literacy Playscripts and drama linked to the production	Non- chronological reports based Anglo- saxons. Instructional writing linked to DT
Mathematics	Place value, Distance, area, perimeter, problem solving, conversions, nets, shapes, scales.	Funding, calculations, word problems	Place value, Distance, area, perimeter, problem solving, conversions, nets, shapes, scales.	Place value, Distance, area, perimeter, problem solving, conversions, nets, shapes, scales.	Funding, calculations, word problems	Place value, Distance, area, perimeter, problem solving, conversions, nets, shapes, scales.
Science	The Earth and Beyond, forces and mechanisms. Space Centre visit	Understand the importance of a healthy lifestyle and good nutrition/diet. And exercise.	Properties/changes of materials Comparing and grouping everyday materials. Understanding mixtures and solutions.	Conducting fair tests. Lesson 1 children plan own experiment from a given question with no input. Discuss	Plants – conducting experiments as well as learning about different plants’ adaptations	Puberty and pregnancy gestation of other animals compared to humans (build on work from year two)

	Space camp			the need for a fair test. Begin scaffolding how to plan a fair test. Each week select a fun investigation requiring a fair test and children to carry it out.		
History	History of space travel	History Week on World War I	Link to Literacy – Research of famous highwaymen – Dick Turpin. Research evidence of local hideouts for Highwaymen.	Mayan Civilisation A non European society that provides a contrast with British history Compare Britain with Mayan Civilisation C AD 900	Anglo Saxon invasions, settlements, place names and village life.	
Geography		NASA Space station – comparing Sutton Coldfield to Kissimmee in Florida. Comparing Sutton to another town in North or South America. Understand longitude, latitude, hemispheres, tropics, polar circles and time zones.			Geography week – Sutton Coldfield. Name and locate counties, cities and regions of the UK. Human and Physical geography of local area (Sutton) Distribution of resources, land use.	Comparing Sutton to another town in Europe. 4 figure grid refs.
Art		Space sketching with chalk. Inspire and influence Sketch books to collect, review, record and revisit	Linked to The Highwaymen – Black and white sketches.	Study architecture and designers New Mere Green Centre, Selfridges Staffordshire hoard, BLU Mayan Face masks / sculptures (natural resources) Sketch books to collect,	To design and create pattern and camouflage drawings. (Linked to science)	Anglo Saxon art and culture Sketch books to collect, review, record and revisit

				review, record and revisit Birmingham Library		
Design	Design and build a 3D space station linked to architecture. Design and make a robot with moving parts using recycled products.	Design a nutritional diet for an astronaut Evaluate, market research, design, create, evaluate and improve. Focus moving toys.		Mayan masks.	Build Anglo Saxon settlements Analyse Evaluate	
Music	The Planets	Compose own composition for a journey into space. Rehearsing – compose own music Stave notation	Performance of The Highwayman with percussion accompaniment.	Play, perform and compose with expression South American music. Improvise and compose with direction in music. Rehearsing	Songs for school production. Anglo Saxon/ Scottish/Irish – Great musicians and composers	History of music
R.E	Birmingham syllabus	Christmas Story/nativity	Birmingham Syllabus		Birmingham Syllabus	
P.E	Dance – create a dance to represent a journey into space.	Circuit training	Gymnastics	Hockey	Football	Rounders/Athletics
P.S.H.E	Friendships – dealing with disputes	Family – the importance of family/ generosity of spirit	Family – different types and family and acceptance		Friendships – dealing with disputes	Transition - moving on up
Computing	Blogs, scratch and publisher for newspapers.	We are traders (Enterprise week)	CAD and CAM		Google mapping Photography/architecture (Trip to Sutton Town centre). Use Powerpoint/Prezi/Ibook.	Design and write Programmes to solve problems. Statistics.

					We are advertising (Sutton area)	
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