Year 6 Long Term Plan

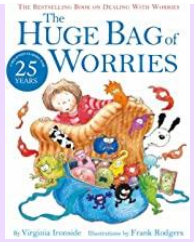
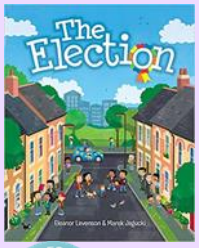
Year 6	Autumn 1/2	Autumn 2/ Spring 1	Spring 2/Summer 1	Summer 1/2
TOPIC	**Medicine: Miracle Cures or fanciful theories?**	**What's special about South Africa?**	**Was the Golden Age of Islam Really Golden?**	**Pole to Pole: What path will you choose to make your own way?**
Drivers	**History**	**Geography**	**History**	**Geography**
Humanities	Curriculum focus: a study of an aspect or theme in British history that extends pupils chronological knowledge beyond 1066. History of Medicine	**Topic: South Africa** Curriculum focus: -Locational knowledge -Place knowledge -Human and physical Geography - Geographical skills and fieldwork. -9 different biomes Research one of the biomes.	Curriculum focus: A non-European society that provides contrasts with British history- early Islamic civilization.	Curriculum focus: -Locational knowledge -Place knowledge -Human and physical Geography -Geographical skills and fieldwork. **Revisit all geographical knowledge in KS2?**

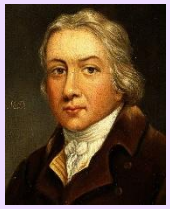
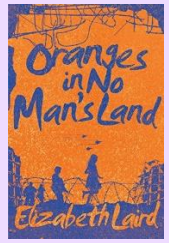
	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1/2**
Art		**Driver:** How do we view others and ourselves? **Skill:** Drawing and Painting **Focus:** Line and Shape **Key Experiences:** • Recording a variety of more complex shapes to create depth in a picture. • Positive and negative shapes • Proportion • Use and apply emotional colours. • Tone in artists' paintings **Suggested Outcomes:** Portraits in the style		**Driver:** Why was 1066 a turning point? **Skill:** Textiles **Focus:** Texture **Key Experiences:** • Textured surfaces • Experiment with and select appropriate materials. **Suggested Outcomes:** Collaborative art.	**Driver:** Was the Golden Age of Islam really golden? **Skill:** Printing **Focus:** Pattern **Key Experiences:** • Recognise patterns. • Patterns in nature/ architecture/clothing • Patterns in calligraphy • Patterns on fabric/paper • Recognise more complex shapes seen in combination and repetition. **Suggested Outcomes:** Lino print – tessellating picture

		of/inspired by another artist.				
Suggested Artists/ Stimuli		• Matisse • Picasso • Modigliani • Hans Holbein • Frida Kahlo • Jenny Saville • Cindy Sherman • Tim Walker • Rankin		• The Bayeux Tapestry • Grayson Perry	• Islamic architecture • Jacques Hnizdovsky • M C Escher • Sorrell Kinley • Tessellation	
D&T	Design a Fairtrade meal.				All- terrain vehicles	
RE	Worship in Christianity Visit to St Columba's Church	Judaism	The Bible		Islam	
Indoor PE	Sports' hall Athletics	Boccia	Gymnastics	Dance	Circuit Training	Circuit Training
Outdoor PE	Football	Tag rugby	Leadership & Team building	Athletics	Tennis	Rounders
Computing	**Unit 31** **Computer Science** Programming	**Unit 32** **Computer Science** Programming	**Unit 33** **Computer Science** Programming	**Unit 34** **Computer Science** Programming	**Unit 35** **Digital Literacy** Computer Evolution	**Unit 36** **Computer Science** Programming

		E Safety Passwords Cyberbullying	**Information Technology** **Digital Literacy** Chatrooms	**E Safety** Viruses	**Computer Science** Programming	

PSHE	*Equality, diversity and inclusion is woven throughout the curriculum.* *Where it is mentioned below, this is because there is a particular focus on this- following our ethos of:* *Nurture, Believe, Discover, Achieve.*					
	Valuing Difference Recognising and celebrating difference Recognising and reflecting on prejudice-based bullying Understanding Bystander behaviour Gender stereotyping *World Mental Health Day* *Black History Month* *Hate Crime Workshop*	**Me and my Relationships** Assertiveness Cooperation Safe/unsafe touches Positive relationships *Anti-Bullying Week* *Wear Red For Thomas Day* *Road Safety Awareness week*	**Rights and Responsibilities** Understanding media bias, including social media Caring: communities and the environment Earning and saving money Understanding democracy *Careers Week/Challenging Stereotypes*	**Being my Best** Aspirations and goal setting Managing risk Looking after my mental health *Mental Health Awareness Week* *International Women's Day* *World Sleep Day*	**Keeping Myself Safe** Understanding emotional needs Staying safe online Drugs: norms and risks (including the law) RSE *Warning Zone trip* *Solve It* *Alcohol Workshops* *Well-being Week* *First Aid* *Sun awareness week*	**Growing and Changing** Understanding media bias, including social media Caring: communities and the environment Earning and saving money Understanding democracy *Pride Month* *Secondary School Transition*

	St Columba's Church visit 	 	Moneysense Workshops with Natwest   	 		 
Music	**Happy** **Musical Genre: Feel good music.** Artists: Pharrell Williams Carpenters Frank Sinatra Katrina and the Waves Bobby McFerrin	**Classroom Jazz 2** Performance Focus	**You've Got a Friend** **Musical Genre: Music of Carol King.** Artists: Little Eva The Drifters The Chiffons	**Music and Me** **Musical Genre: Musical Identity.** **Artists:** Anna Meredith Shiva Feshareki Eska Mtungwazi	**Composer Focus: Handel** **German Baroque Period** Focus Piece: Zadock the Priest	**Year 6 Leavers performance**
Composers	**<u>Film Music</u>** John Williams John Powell Thomas Newman Benj Pasek and Justin Paul	**<u>Music from other cultures</u>** Scott Joplin Duke Ellington Made Subandi Babatunde Olatunji	**<u>British Composers</u>** Edward Elgar Ralph Vaughan-Williams Henry Purcell Benjamin Britten	**<u>Female Composers</u>** Clara Schumann Judith Weir Zoe Keating Anna Clyne Anna Meredith	**<u>Most influential composers</u>** Mozart J.S Bach Beethoven Tchaikovsky George Gershwin	

MFL	**Let's visit a French town** Focus: Where is …? Maths, ordinal numbers	**Let's go shopping** Focus: clothes, French money	**This is France** Focus: Distances	**This is France** Focus: directions	**All in a day** Focus: Am/Pm, time intervals	**All in a day** Focus: at the airport
Trips, special days and Weeks	• Mental Health Awareness week • European Day of Languages • Thomas' Wear Red Day	• Children in Need Day • Anti-bullying Week • Halloween • Remembrance	• Careers' week/Challenging Stereotypes • Moneysense workshops (Natwest)	• Science and Engineering Week • Internet Safety Week (when it's your turn in the	• Warning Zone • Solve IT • Drug and alcohol workshops. • Secondary school transition	Transition Days
English	Biography of Edward Jenner	Francis – Suspense and Newspaper Writing	Broken Recount	Pandora Sci- Fiction Non- chronological report	Oranges in No Man's Land Non-fiction Diary	Boy in The Girls' Bathroom Diary
Books (including visual texts)	Various sources 	Francis by David Eggars 	Broken by Rice Rice Baby: Gang Maria Yi, Garrett O'Neal and Bryan Locantore 	Avatar screenplay by James Cameron 	Oranges in No Man's Land By Elizabeth Laird 	Boy in The Girls' Bathroom by Louis Sachar 

Maths	*Maths is largely assessment led. Below is a guide to the areas of study.*				
	Autumn Term Number: Place Value Number: Addition, Subtraction, Multiplication and Division Number: Fractions Geometry: Position and Direction		**Spring Term** Number: Decimals Number: Percentages Number: Algebra Measurement: Converting Units Measurement: Perimeter, Area and Volume Number: Ratio	**Summer Term** Geometry: Properties of Shape Problem Solving Statistics Investigations	
Science	**Living things and their habitats** To explore the classification of animals and recognise the main groups of vertebrates and invertebrates To apply knowledge of classification concepts to living things in the school grounds To investigate the growth of micro-organisms	**Animals Including Humans** Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. *(Covered in RSE)* Describe the ways in which nutrients and water are	**RSE** **Light** Recognise that light appears to travel in straight lines. Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. Work scientifically by deciding where to place rear-view mirrors on cars; designing and making periscopes and using the idea	**Evolution and Inheritance** Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit	**Electricity** Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. 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. Use recognised symbols when

	To know about the range of diseases caused by micro-organsims.	transported within animals, including humans. Explore questions to understand how the circulatory system enables the body to function. Learn how to keep their bodies healthy and how their bodies might be damaged including how some drugs and other substances can be harmful to the body. Explore the work of scientists and scientific research about the relationship between diet, exercise, drugs, lifestyle and health (NB part of this unit is delivered through RSE)	that light appears to travel in a straight line to explain how it works. Look at a range of phenomena including rainbows, colour on soap bubbles, objects looking bent in water and coloured filters (they do not need to explain why theses phenomena occur Symmetry, Mirror lines, reflection Recording data and results of increasing complexity using scientific c diagrams and labels, classification keys, tables, scatter graphs, and bar and line graphs (Maths Link) Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. (Covered in PDE) Describe the ways in which nutrients and water are transported within animals, including humans. Explore questions to understand how the circulatory system enables the body to function.	their environment in different ways and that adaptation may lead to evolution. Be introduced to the idea that characteristics are passed from parents to their offspring, for instance by considering different breeds of dogs, and what happens when, for example, labradors are crossed with poodles. Appreciate that variation in offspring over time can make animals more or less able to survive in particular environments, for example, by exploring how giraffes' necks got longer.	representing a simple circuit in a diagram. Construct simple series circuits, to help them to answer questions about what happens when they try different components, for example, switches, bulbs, buzzers and motors. Learn how to represent a simple circuit in a diagram using recognised symbols. Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs *(Maths Link)*

		Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs *(Maths Link)*	Learn how to keep their bodies healthy and how their bodies might be damaged including how some drugs and other substances can be harmful to the body *(Covered in PDE)* Explore the work of scientists and scientific research about the relationship between diet, exercise, drugs, lifestyle and health (NB part of this unit is delivered through RSE)		
Scientists	Carl Linneus Classification Libby Hyman Classification Invertebrates	Leonardo Da Vinci- anatomy Santorio Santorio- Anatomist Dr. Katherine Dibb – Expert in Cardiovascular Sciences Justus von Liebig- Theories of Nutrition and Metabolism	Thomas Edison -Invented electric light bulb Patricia Bath (BP website)- saving sight Thomas Young (Wave Theory of Light) Ibn al-Haytham -Light and our Eyes Percy Shaw - The Cats Eye Maria Telkes- Solar energy	Hippocrates -The Father of Medicine Charles Darwin- Evolution Alfred Russell Wallace – naturalist Rosalind Franklin – DNA Nettie Stevens – Geneticist Professor Alice Roberts -	Nikola Telsa -AC electric system Alessandro Volta- Electrical Battery Nicola Tesla- Alternating Currents Edith Clarke - Electrical engineer

		Sir Richard Doll- Linking Smoking and Health Problems		Evolutionary biologist	