

Ramsgate Free School: Wider Curriculum Year Overview Year 6

<u>English units</u> Genre Journalistic Biography and autobiography Argument Imagery and personification Revision and evidence for teacher assessment		<u>IPC units</u> Science –Water for everyone! Science – Roots, Fruits and Shoots! Space Explorers Science –Bake it! Science –Fascinating forces! Champions for Change Here and now, there and then				
Terms	1	2	3	4	5	6
IPC unit	Science –Fascinating forces! (3 weeks) Science –Water for everyone! (3-4 weeks)	Science –Roots, Fruits and Shoots (3 weeks) Space explorers (8 weeks)	Science –Bake it! (3 weeks)		Champions for change (5 weeks)	Here and now, there and then (7-8 weeks)
Science	Direction of forces Measuring forces Air resistance Forces linked to catapults, levers, pulleys and wheels Up thrust Mass, gravity and weight Gravity in Space Weight of objects in water to demonstrate up thrust Water resistance / drag Density Micro organisms Water borne diseases Dehydration and rehydration	Plant inheritance Plant production Conditions for germination Leaves from trees in local area Plant parts: roots, stem, leaves, petals, sepals, stamen, stigma, ovary Investigate effects of light, water, food, air and warmth Pollination/fertilisation Other plant reproduction methods e.g. bulbs, runners, tubers Seed dispersal Properties of materials Compare and group rocks and soils Light –reflection, refraction and absorption (building on Year 5 Look Hear!) Earth and the solar system Day and night –Earth’s axis Earth orbiting the sun Moon orbiting the Earth Phases of the moon Stars and constellations	Materials as thermal insulators Condensation and evaporation Particles Arrangement of particles in states of matter Reversible and irreversible changes Separating mixtures Solutions Recovering solids through evaporation Yeast Making bread		None	None
Geography	None Supply of water to homes Water pollution Drought and flooding	Where in the world the tallest trees grow and why Locating California and then using Google maps to find a redwood tree! None	None		None	Position of UK on world maps Scales on maps Latitude and longitude MUST be covered Map co-ordinates Modes of transport Physical features on journeys around the world Other ways countries are connected e.g. jobs, tourism, language, history Study of Germany –climate, economy, people, physical landscape, environmental issues Similarities and differences between Germany and UK Presenting information in variety of way e.g. Venn diagrams, graphs Comparing a capital city (Berlin to London)

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History	None Effects of lack of clean water over time	None Past ideas about Earth and Space (i.e. the world was flat) Constellation names Timeline of astronomy and Space	None	Origins of democracy (link to Year 5) Empires –pros and cons Historical campaign and revolution	WORLD WAR 2 –NC 2014 requirement “a study of an aspect of theme in British history that extends pupils’ knowledge beyond 1066” History of contrasting country –Germany History from different sources (primary and secondary) Travel between Germany and UK in the past Contrasting viewpoints of events (of WW2?) Reliability of sources
Technology	Make plane or boat that will carry the most cargo or fly the furthest Design, make, evaluate, then redesign , make etc	Inventing a planting device Investigating Space technology (rovers) Design and make a Space vehicle with design criteria	Make a brand of food which includes their science knowledge and taking on roles such as brand manager, chef, designer Market research Design packaging	Create party logos and campaigns	None
Art	None None	Capturing shape, colour and patterns linked to Space Satellite images of Earth and Space	None	None	Study of a famous WW2 artist -maybe link to works of art damaged/stolen in WW2 ie a large amount of “degenerate art” by Picasso Dali, Ernst, Klee, Léger and Miró was destroyed in a bonfire on the night of July 27, 1942 in Paris. NB Year 2 covering Picasso. (not IPC but meets new NC 14 requirements)
ICT					
International	Natural forces around the world to provide sustainable energy Compare to fossils fuels Sustainable solutions that are helping people to have access to clean water Creating a positive ‘water wise’ future	Saving the rainforest ISS (international Space Station)	Bread around the world as a staple food and also for religious ceremonies Famine and poverty	United Nations Global issues for governments	Relationships between countries is mutual beneficial –flow of food, friendship, tradition between UK and Germany Conflicts or disagreements between Germany and UK and resolution
Society	None How water impacts on healthy, hunger, poverty and education	None	None	TRY TO LINK TO GENERAL ELECTION IF IT IS ON THAT YEAR Rulers and governments Goals, rules and rewards Manifestoes Voting Government of UK Types of government (public, monarchy, constitutional monarchy, dictatorship, totalitarian state) Creating own manifesto for own political party Good leaders –link to school values Political speeches	None
PSHE	New beginnings	Getting on and falling out Say no to bullying	Going for goals	Good to be me	Relationships Changes
RSE	Let’s talk about sex (to be taught across terms 1-4)			Flour babies project (across terms 5 and 6)	
Music	African Drumming. Djembe, dunun. Application of ta & titi to 2-hand drum patterns. Tiki tiki. African call-and-response songs.	Drumming + xylophones. Music of the Caribbean (African influence). Songs on repeating harmonic cycles	Drumming, xylophones + guitars. Music of the USA (African influence - spirituals etc.) Songs on repeating harmonic cycles		Show preparation

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PE	<p>Gymnastics Create routines that apply developed control and balance Core strength Circuit training</p> <p>Dance Improving routines Linking best movements to music</p> <p>Games Creating games Applying skills Describe methods Make links to other sports and compare</p> <p>OAA Adventurous activity (sailing, surfing, wall climbing) Communication</p>	<p>Gymnastics Create routines that apply developed control and balance Core strength Circuit training</p> <p>Dance Improving routines Linking best movements to music</p> <p>Games Creating games Applying skills Describe methods Make links to other sports and compare</p> <p>OAA Adventurous activity (sailing, surfing, wall climbing) Communication</p>	<p>Games Creating games Applying skills Describe methods Make links to other sports and compare</p> <p>Dance Improving routines Linking best movements to music</p> <p>Gymnastics Create routines that apply developed control and balance Core strength Circuit training</p> <p>OAA Adventurous activity (sailing, surfing, wall climbing) Communication</p>	<p>Games Creating games Applying skills Describe methods Make links to other sports and compare</p> <p>OAA Adventurous activity (sailing, surfing, wall climbing) Communication</p> <p>Athletics Create challenges Compete against others Work as a team and singularly Understand how to improve</p> <p>Dance Improving routines Linking best movements to music</p>	<p>Games Creating games Applying skills Describe methods Make links to other sports and compare</p> <p>OAA Adventurous activity (sailing, surfing, wall climbing) Communication</p> <p>Athletics Create challenges Compete against others Work as a team and singularly Understand how to improve</p>	<p>Games Creating games Applying skills Describe methods Make links to other sports and compare</p> <p>OAA Adventurous activity (sailing, surfing, wall climbing) Communication</p> <p>Athletics Create challenges Compete against others Work as a team and singularly Understand how to improve</p>
RE	<p>Christianity Teachings and authority</p>	<p>Christianity Teachings and authority Symbols and religious expression</p> <p>Christmas theme: Account of Xmas in Matthew and Luke - comparison</p>	<p>Christianity Religious, family and community Beliefs in action in the world Symbols and religious expression</p>	<p>Christianity Teachings and authority</p> <p>Easter theme: Hope</p>	<p>Sikhism Teachings and authority Symbols and religious expression Worship and sacred places TRANSITION PROJECT</p>	<p>Sikhism Beliefs and questions Worship and sacred places Religion and the individual Religion and community</p>
French	Rigolo 2 Unit 7 – Le week-end	Rigolo 2 Unit 8 - Les vêtements	Rigolo 2 Unit 9 - Ma journée	Rigolo 2 Unit 10 - Les transports	Rigolo 2 Unit 11 - Le sport	Rigolo 2 Unit 12 - On va faire la fête
Trip ideas						Spitfire museum