

Grade 5 IPC overview

Unit overviews		
Unit	Subject	Content
Unit 1: Brain waves		How we learn
		How we learn best
		What type of learner are we?
		How can we improve our memory
		How can we become more active global citizens
2 - Out of Africa	Science/ Humanities	How life began in the sea then came out of the sea
		How fossils provide information about living things from the past
		Why the dinosaurs died out
		About the classification of plants and animals
		How plants and animals reproduce
		How living things evolve and change over time
		How plants and animals are adapted to their environment
		How adaptation leads to evolution
		Whether there is life on other planets
	Technology	What foods early humans ate, grew and cooked
		About prehistoric food and cooking techniques
	International	How superbugs evolve and spread around the world
		Why we should prevent species extinction
	Key skills assessed:	
Humanities:		

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	<ul style="list-style-type: none"> • Be able to explain how physical and human processes lead to similarities and differences between places • Understand how and why people seek to manage and sustain their environment <p>Science</p> <ul style="list-style-type: none"> • Be able to record and communicate their findings accurately using the most appropriate medium and the appropriate scientific vocabulary and conventions • Understand some of the effects of what they learn on people's lives <p>Technology:</p> <ul style="list-style-type: none"> • Be able to respond to identified needs, wants and opportunities with informed designs and products • Be able to test and evaluate their own work and improve on it • Understand the ways in which technology can be used to meet needs, wants and opportunities 	
Unit 2 - Fit for life	Science	How to measure our fitness levels
		About diet and health
		About changes to our bodies that take place as we grow
		How we can look after our bodies and keep them in good condition
	International	How people around the world keep fit and healthy
	Key skills assessed:	
International:		<ul style="list-style-type: none"> • Understand that there is value both in the similarities and the differences between different countries
Unit 3 - What a wonderful world	Humanities	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 our planet
		How man-made changes can alter/change our local

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		environment
	Science	How to classify different types of rock and soil
		About the effects of weathering on different types of rock
		About the movements of the Earth, Sun and Moon and how they affect us
		About different types of cloud and how they are formed
		How we can set up a weather station and record data
	International	About local and global environmental issues
		How different international aid groups and charities are helping those affected by environmental issues
	Key skills assessed:	
	Humanities:	
<ul style="list-style-type: none"> • Be able to explain how physical and human processes lead to similarities and differences between places • Understand how and why people seek to manage and sustain their environment 		
Unit 5 - Fairgrounds	Science	What keeps our feet on the ground
		About other forces that act upon us
		How to identify and measure forces
		How forces act on everyday life
		How to use electricity as a source of power
		About magnetism: how and why magnets work
		How light travels and how we see
		How sound travels and how we hear
	Technology	How to solve problems to understand how everyday objects work
		How people use technology

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		How to design and make models and games
	International	About fairgrounds and theme parks in our host and home countries
		How international agencies are helping to increase energy efficiency and tackle the problems of noise and light pollution
		About international aid agencies and their work
	Key skills assessed:	
<p>Technology:</p> <ul style="list-style-type: none"> • Be able to test and evaluate their own work and improve on it • Understand the ways in which technology can be used to meet needs, wants and opportunities <p>International:</p> <ul style="list-style-type: none"> • Be able to explain how the lives of people in one country or group are affected by the activities of other countries or groups • Be able to identify ways in which people work together for mutual benefit 		
Unit 6 - Growing up	Science	How male and female bodies grow and develop
		About the changes that take place during puberty for boys and girls
		How humans reproduce
		How a baby develops inside its mother
	Society	About different types of relationship
		About the personal and social factors that can influence our lifestyle decisions
		About love and what it means to different relationships
	International	About different views that some cultures and countries have about growing up

During distance learning there may be adaptations to this overview.
All core learning will be covered.