

Geography / Science Plan 3rd - 6th Class

Class	Human Environments	Natural Environments	Environmental Awareness & Care	Living Things	Energy & Forces	Materials
3rd	<p><i>Focus on content objectives related to settlements / homes</i></p> <p>Strand unit: People living & working in the local area & People living and working in a contrasting part of Ireland Contrast Dublin with another Irish place (teacher's choice)</p> <p>Strand unit: People & other lands European country - Ireland</p> <p>World - study of an Asian country</p> <p>Strand unit: County, regional & national centres Regional - map of Ireland, provinces, county Dublin, neighbouring counties Explicit content to be taught: Rivers - Liffey, Shannon & Lee</p>	<p><i>Focus on content objectives of the following strand units</i></p> <p>Strand unit: Rocks and Soil Rocks and soil</p> <p>Strand unit: The local natural environment Theme: Water</p> <p>The Water Cycle</p> <p>Strand unit: Land, rivers and seas of my county Exploration of Co. Dublin</p>	<p><i>Focus on content objectives of the following strand unit:</i></p> <p>Strand unit: Environmental awareness Inter-relationship of living & non-living elements of the local environment</p> <p>Renewable & non-renewable resources</p> <p>Different types of environments</p> <p>Impact of people on environments</p> <p>Conservation of Earth's resources</p> <p>Participation in the Green Schools initiative</p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand Unit: Human Life <u>Exploring human life processes:</u> <i>The skeleton</i> <i>Teeth</i></p> <p><u>Exploring the variety and characteristics of humans:</u> <i>Heart - structure of the heart</i></p> <p>Strand Unit: Plant & animal life <u>Processes of Life</u> <u>Exploring the variety and characteristics of living things</u></p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand Unit: Sound</p> <p>Strand Unit: Electricity & magnetism</p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand Unit: Properties & Characteristics of materials</p> <p>Strand Unit: Materials & change Heating & cooling (3 content objectives only)</p>

	Mountains: Dublin, Wicklow & Macgillycuddy Reaks, Bays: Dublin, Galway and Donegal Bay Islands: Ireland			Lifecycle of a tree Habitat: the river		
4 th	<p><i>Focus on content objectives related to People at Work & Transport & Communication</i></p> <p>Strand unit: People living & working in the local area & People living and working in a contrasting part of Ireland Contrast Dublin with Irish place <i>(teacher's choice - check area taught in 3rd class)</i></p> <p>Strand unit: People & other lands European country - Italy</p> <p>World country - North America</p> <p>Strand unit: County, regional & national centres Regional - major towns, rivers and mountains Explicit content to be taught: Rivers - Nore, Suir, Barrow, Foyle, Moy Mountains: Mourne, Galtee, Ox, Blackstairs, Speirin</p>	<p><i>Focus on content objectives of the following strand units:</i></p> <p>Strand unit: Weather, climate & atmosphere Weather and climate</p> <p>Weather observations</p> <p>Strand unit: Planet Earth in space Planet Earth in space</p>	<p><i>Focus on all content objectives of the following strand units:</i></p> <p>Strand unit: Science and the environment Investigate human activities that have a positive or adverse impact on local and wider environments</p> <p>Strand unit: Caring for the environment Investigate impact of human activities and focus on an environmental issue</p> <p>Global warming - effect on the Tundra / icecaps</p> <p>Participation in the Green Schools initiative and the Brent Geese Project</p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand Unit: Human Life <u>Exploring human life processes:</u> <i>The Eye</i></p> <p><u>Exploring the variety and characteristics of humans:</u> <i>Lungs & breathing</i></p> <p>Strand Unit: Plant & animal life <u>Processes of Life</u> <u>Exploring the variety and characteristics of living things</u> <i>Flowers & pollination</i> <i>The Brent Geese</i></p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand Unit: Light</p> <p>Strand Unit: Heat</p> <p>Strand Unit: Forces</p>	<p>Strand Unit: Materials & change Mixing & other changes (4 content objectives only)</p>

	Bays: Dingle, Bantry, Kenmare Seas: seas around Ireland			Habitat: Tundra		
5 th	<p><i>Focus on content objectives related to Homes & Settlements</i></p> <p>Strand unit: People living & working in the local area & People living and working in a contrasting part of Ireland Contrast Dublin with Irish place - the Burren / Clare</p> <p>Strand unit: People & other lands European country - France</p> <p>World - South American country</p> <p>Strand unit: Trade & Development Issues Famine Trade focus: story of the banana</p> <p>Strand unit: County, regional & national centres Regional - Irish placenames & their origins Explicit content to be taught: Towns: towns of Leinster & Munster</p>	<p><i>Focus on content objectives of the following strand units:</i></p> <p>Strand unit: Rocks and Soil</p> <p>Strand unit: The local natural environment Themes: The Water Cycle The Burren</p> <p>Strand unit: Land, rivers and seas of Ireland Explicit content to be taught: Towns: towns of Leinster & Munster Lakes - Neagh, Ree, Allen, Lough Derg Headlands: Malin, Mizen, Bray, Howth, Wicklow, Hook Bays: Clew, Killala, Sligo Islands: Lambay, Blasket, Aran, Achill</p> <p>Strand unit: Physical features of Europe and the world</p>	<p><i>Focus on content objectives of the following strand units:</i></p> <p>Strand unit: Environmental awareness Inter-relationship of climate, natural features, flora, fauna and human life in Ireland and other regions (The Burren & rainforests)</p> <p>Renewable & non-renewable resources</p> <p>Conservation of Earth's resources</p> <p>Different types of environments - rainforests / Burren</p> <p>Impact of people on environments</p> <p>Strand unit: Caring for the environment</p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand Unit: Human Life <u>Exploring human life processes:</u> <i>The Digestive System</i> <i>The Reproductive Organs (introduce puberty)</i> <i>Vertebrates & invertebrates</i></p> <p><u>Exploring the variety and characteristics of humans:</u> <i>The Senses (recap)</i> <i>The Ear</i> <i>The Reproductive Organs</i></p> <p>Strand Unit: Plant & animal life</p>	<p><i>All the content objectives of the following strand units are to be taught:</i></p> <p>Strand unit: Sound</p> <p>Strand unit: Electricity & magnetism</p>	<p><i>All the content objectives of the following strand unit are to be taught:</i></p> <p>Strand Unit: Properties & Characteristics of materials Theme: Gases</p> <p>Exploring air</p>

	Lakes - Neagh, Ree, Allen, Lough Derg Headlands: Malin, Mizen, Bray, Howth, Wicklow, Hook Bays: Clew, Killala, Sligo Islands: Lambay, Blasket, Aran, Achill.	1) Continents - identify & name two natural features of each continent: mountain, river, desert 2) The oceans	Investigate impact of human activities and focus on an environmental issue: Deforestation - effect on the world's rainforests. Participation in the Green Schools initiative.	<u>Processes of Life</u> <u>Exploring the variety and characteristics of living things</u> Flora & fauna of Bogland (The Burren) Rainforests Habitat: Rainforest		
6 th	<i>Focus on content objectives related to People at Work & Transport & Communication</i> Contrast Dublin with Irish place - (teacher's choice - check places taught in previous years) Strand unit: People & other lands European countries - complete project on an European country of the pupil's choice World - Australia / New Zealand Strand unit: Trade & Development Issues Development & Aid	<i>Focus on the content objectives of the following strand units:</i> Strand unit: Weather, climate & atmosphere Weather & climate Weather observations Strand unit: Planet Earth in space Planet Earth, the sun, the moon and the Solar System Strand unit: Land, rivers and seas of Ireland Explicit content to be taught: Towns: towns of Ulster & Connacht	<i>Focus on all content objectives of the following strand units:</i> Strand unit: Environmental awareness Inter-relationship of climate, natural features, flora, fauna and human life in Ireland and other regions (Australia / New Zealand) Strand unit: Science and the environment Investigate human activities that have a positive or adverse impact on local and wider environments	<i>All the content objectives of the following strand units are to be taught:</i> Strand Unit: Human Life <u>Exploring human life processes:</u> Puberty Disease/infection <u>Exploring the variety and characteristics of humans:</u> The Brain The Heart & circulatory system	<i>All the content objectives of the following strand units are to be taught:</i> Strand Unit: Light Strand Unit: Heat Strand Unit: Forces	<i>All the content objectives of the following strand units are to be taught:</i> Strand Unit: Materials & change Focus on mixing & separating & other changes Heating & cooling Insulation Explore the area of nano-science Examining the

	<p>Trade focus: fair trade (story of coffee)</p> <p>Strand unit: County, regional & national centres Regional - Irish placenames & their origins Explicit content to be taught: Towns: towns of Ulster & Connacht Lakes - Lough Corrib, Conn, Mask, Swilly & Erne Headlands: Loop, Slieve, Erris, Hag's Head, Clogher & Fair Bays: Clew, Killala, Sligo Islands: Lambay, Blasket, Aran, Achill Harbours: Wexford, Cork, Killary, Belfast Lough Islands: Tory, Rathlin, Clear, Sherkin, Dingle Peninsula</p>	<p>Lakes - Lough Corrib, Conn, Mask, Swilly & Erne Headlands: Loop, Slieve, Erris, Hag's Head, Clogher & Fair Bays: Clew, Killala, Sligo Islands: Lambay, Blasket, Aran, Achill Harbours: Wexford, Cork, Killary, Belfast Lough Islands: Tory, Rathlin, Clear, Sherkin, Dingle Peninsula</p> <p>Strand unit: Physical features of Europe and the world Map of Europe - revise the countries and capital cities Identify well known features e.g. buildings, rivers, mountains - focus on the Alps, the Rhine & the Mediterranean</p>	<p>The role of scientists in society</p> <p>Strand unit: Caring for the environment Investigate impact of human activities and focus on an environmental issue</p> <p>Deforestation - effect on third world countries (link to fair trade)</p> <p>Becoming a responsible citizen - role of Europe in setting Greenhouse Gas limits, impact of plastic on the world's seas etc.</p> <p>Participation in the Green Schools initiative</p>	<p>Strand Unit: Plant & animal life <u>Processes of Life</u> <u>Exploring the variety and characteristics of living things:</u> <i>Spiders</i> <i>Endangered</i> <i>Animals</i> Habitat: <i>Habitats of the endangered species</i></p>		<p>role science can play now and in the future</p>
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