

Geography and Careers

Examples of Curriculum Links to Futures

	Curriculum Theme/Topic	How Do You Link This Theme/Topic to Careers?	What Careers Related Extra-Curricular Opportunities Are Offered?	What Employer/Employee Encounters Are Offered?
Year 7	1. Map Skills	Application of map skills- people that use them emergency services, planning departments, GIS. Decision making activity used which applies to careers-where to build a new housing estate in Preston.		Town planning Emergency Services
	2. Rivers	River management linking to the Environment Agency flood risk maps. Decision making activities based on cost/benefit analysis.	Fieldwork	Environment Agency Engineering
	3. Economy	Different types of careers and how/why these vary in different areas of the country/parts of the world.	Fair Trade Group	
Year 8	1. Natural Hazards	Link to engineering- how to reduce risks posed by earthquakes. Likes to aid and relief agencies. Links to volcano and earthquake monitoring and prediction- expedition volcano.		Volcanologist GIS Seismologist Disaster management

	2. Extreme weather	Links to why weather is important- different careers impacted by the weather. Links to monitoring and management of extreme weather events. Fieldwork and data analysis skills.	Fieldwork	Environment Agency Engineering Aid
	3. Urbanisation	Links to urban planning and how to make it more sustainable- decision making activities.	Refugee Support groups workshop Fair Trade Group	Aid Agencies-refugee link.
Year 9				
	1. Coasts	Links to Environment Agency-how to manage the coast with hard and soft engineering. Decision making activities using cost/benefit analysis. Links to insurance companies.		Environment Agency Engineering Policy Making
	2. Climate change and energy	Links to policy making, government bodies and charities. Links to engineering – adaption and mitigation methods. Links to Britain’s energy coast – alternative energy.	Fair Trade Group	Policy Making Climate scientists
	3. Development	Links to policy making, government bodies and charities (wateraid. CAFOD). Links to geopolitics.	Talk global issues- guest speaker Fair Trade Group DofE	Policy Making Aid Agencies.

Year 10	1. Ecosystems	Links to ecology related jobs-environment agency, planning. Links to global development and management organisations such as the FSC and other conservation charities.		Sustainable development roles in tropical rainforests e.g. FSC, tourism
	2. UK landscapes	Links to Environment Agency, engineering and National Parks.	DofE	Environment Agency Engineering Policy Making
	3. Fieldwork	Skills based (transferable)	Fieldwork	Hydrology Roles
Year 11	1. Economics	Links to politics and development. Ways to reduce uneven development through transport schemes eg Heathrow airport HS2.	Fieldwork	Policy Making
	2. Urban development	Links to engineering and urban and transport planning.		Town planning

Applying Geography Knowledge to The Workplace

Our pupils will apply the knowledge they are gaining from studying Geography to a variety of workplace scenarios in the following ways.

Knowledge Lesson Title	Year Group	Within Which Unit (SoW)
Lesson 1- Renewable energy	9	Climate Change
Lesson 2- Ecosystems and the environment	10	Tropical Rainforests
Lesson 3- Urban planning	8	Urbanisation
Lesson 4- Fieldwork	7, 8, 10, 11	Rivers, Extreme Weather, Urbanisation.

Using Geography Skills in the Workplace

Geographical skills are key to understanding our subject. We spend a lot of time supporting students to develop these skills and track where they skills are taught across the curriculum so that all students have the opportunity, to master them. When teaching the skills, it is almost impossible not to link the skill to its real-life application-something that students enjoy doing.

In addition to this we will also teach the following skills lessons to ensure students see the explicit correlation between the skills they use in Geography lessons and the skills that are used in the workplace, by trying school-based and workplace-based tasks for each skill.

Skills Lesson Title	Year Group	Within Which Unit (SoW)
1. Data analysis	7, 10	Rivers fieldwork
2. Critical thinking	9, 11	Economic development
3. Using I.T.	8, 10	Fieldwork
4. Research	7, 8, 10	Tectonic Hazards Weather hazards Tropical Rainforests Cold Environments Rivers
5. Teamwork	7, 8, 9, 10, 11	Fieldwork -Rivers Fieldwork -Weather Fieldwork -Urbanisation Climate change