Year 7

Unit	**Introduction to Geography and Maps** (7 weeks)	**Development VIP** (7 weeks)	**Landscapes of the UK** (6 weeks)	**Weather & Climate** (6 weeks)	**Resource Management** (6weeks)	**Fieldwork (local)** (7 weeks)
Knowledge	Why geography is important. What the different types of geography we have. Basic world map knowledge. Including - Oceans, continents etc. - Directions, latitude / longitude - Major cities / important countries Skills learnt through location studies: Grid references Rio Contour lines Mt St Helens Scale Antarctica Field sketches Jurassic Coast Graphs China Images Mumbai	Introduction to VIP words, what they are and how they're used. The use of development indicators. The difference between standard of living and quality of life . Why tax is important to a functioning society. How development links to the environment. Understanding the north-south divide. How tourism can improve development.	The range of the UKs physical features. The journey of rivers journey from source to sea (i.e. from mountains to the coastline). The three stages of rivers / river features (meanders etc). The features of river channels and drainage basins. The different features and landforms found in coastal environments. The different coastal processes. How sand is transported and beaches form.	What the difference is between weather and climate. How we measure weather. Comparing high pressure and low pressure UK weather How does rain fall <u>Flooding:</u> - what are the causes of flooding. - what are the impacts of flooding (case study: Brighouse) - management of flooding	What a resource is and why they are important. World food and water supplies—where are they found. Which global resources are finite. <u>Food</u> - Provision worldwide <u>Water</u> - Global water supplies - Solutions to water scarcity Plastic pollution, its causes and effects. Waste management, evaluation of the different ways waste is managed. Plastic pollution solutions, creative task.	**Fieldwork** What is an ecosystem? Biotic and abiotic factors Food chains and food webs Temperate deciduous forest biome Biodiversity Factors that affect an ecosystem Fieldwork enquiry: How does biodiversity change with increasing distance from school? - Background and hypothesis - Methodology and risk assessment - Data collection - Sampling strategies - Data presentation and analysis - Conclusion and evaluation
Skills	Basic compass directions Basic map skills Directions / co-ordinates Grid references Sketches Annotating photos	Population data analysis Problem solving Describing maps including choropleth and land use maps Reading geographical text	Describing graphs and maps Topographic maps River hydrographs Basic key term knowledge including erosional processes OS maps Diagram construction Contour lines	Annotating sketches Describing diagrams Data interpretation Describing weather maps Use of instruments Analysing climatic data and climate graphs	Developing decision making Analysing a variety of data sources Analysis of information Problem solving Evaluation Explaining	Collaborative work Data collection Data presentation Analysis Report writing Evaluation