

Learning Organiser: How and why is my local area changing?

Key objective

Understand the factors that cause environments to change both locally and globally.

Important things I will know and understand

The difference between physical and human processes and events that affect environments.

How the environment of my school and grounds has changed over time.

Why locations in the local area of the school have changed.

That there are often different views about whether environmental change is a positive thing.

How the quality of the environment varies in the local area surrounding my school.

How and why environments are changing at different locations around the world.

How environmental change on a global scale affects our lives locally.

How humans behave locally can contribute to global changes such as climate change.

Important geographical techniques I will use

Fieldwork	Data collection and recording.
Statistical representation	Presenting data in scatter graphs.
Mapwork - Interpreting and annotating thematic distribution maps	O.S 1:25,000 maps, land use maps and positive and negative correlation.
Imagery	Terrestrial, aerial and satellite photographs and GIS Google Earth Pro and Google Street View.

Important Concepts I will understand

Environment	The particular physical and human features of a place.
Processes	The natural events and human actions that bring about change in an environment.
Distribution	The arrangement or pattern of where physical and human features are located.
Location	The position of something.
Land use	How people have decided to use an area for a specific purpose such as farming or building towns.
Transport	Move people and goods from one place to another using a vehicle, aircraft or ship.
Change	The process by which something or somebody becomes different.
Interaction	The links or connections within and between different natural and human processes.
Settlement	Any place where people live such as a village or city.
Economic activity	Making a product or providing something that others pay for.
Scale	The size or extent of an area or place – local, regional, national, international and global.

Important locations where I will study environmental change



My school grounds and locality



Glenridding in Cumbria



Olympic Stadium and park, London – before and after development



Dubai – development in the last twenty years



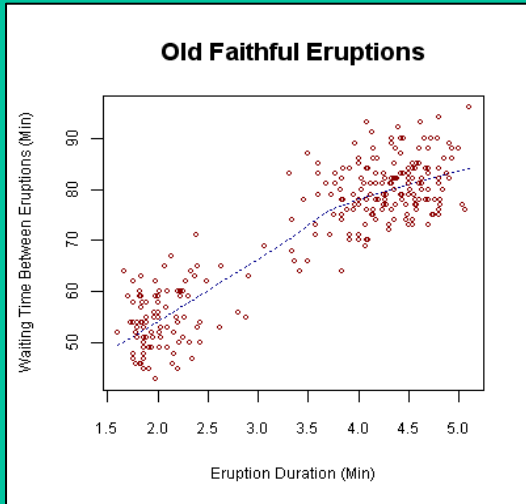
Aral Sea – before and after water extraction for irrigation



Deforestation in the state of Maranhao, Brazil

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Important statistical techniques I will learn and apply



Scatter graphs and correlation

Important physical processes I will understand



Flash flooding

Important human processes I will understand



Deforestation

Important subject skills I will apply

Describing	giving an account of something
Selecting	choosing the information most suitable and relevant
Reasoning/speculating	thinking and forming ideas about something without necessarily firm evidence to back it up
Synthesising	bringing together a range of ideas and facts from different sources to develop an explanation
Explaining	showing understanding of how or why something is the way it is
Empathising	placing yourself in another's position to better understand their actions

Important vocabulary I will learn

Pattern	how objects are arranged or laid out on the earth's surface
Pollution	something added to the environment that is harmful to living things
Flash flood	sudden flooding that occurs when rivers rise quickly with no warning after heavy rain
Deforestation	cutting down huge areas of woodland to use the land for other purposes
Natural disaster	a catastrophic event caused by a natural process that affects people and property
Residential	areas where the majority of land is occupied by people's homes
Commercial	something involving making products or providing services to make money
Recreation	activities people choose to do that help them relax or have fun
Leisure	any activity someone chooses to do in their own time outside of work or school
Public service	something provided for the benefit of people by the government
Hypothesis	an idea, question or theory that can be investigated to see whether it has any validity or truth
Accessibility	how easily and quickly a place or location can be reached
Correlation	a way of finding out how closely related two sets of data are
Redevelopment	demolishing derelict buildings and replacing them with modern homes, businesses and amenities