

Global Winds Treasure Hunt and Research Exercise

Overview:

Print off and laminate the names of enough winds. Hide them in the classroom or in the school grounds. As the students individually, in pairs or small groups to find a wind. They should then research the wind they have found, answering questions like:

- Where is the wind found? Use an atlas or Google Earth to find the place and see how the local geography affects the wind (are there mountains nearby?)
- When does the wind occur?
- How long does it last for and how big is the area it affects?
- Do people like this wind?

Their research could be presented using PowerPoint or large sheets of sugar paper, and/ or could be used as the basis for a story or newspaper report about the wind.

Differentiation:

Low ability

Give one web address to look for information

Prescribe questions for them to answer about their wind e.g. where can this wind be found?

Medium ability

Give two web addresses to look for information

Suggest things to find out about their wind

High ability

Do not guide web search

Ask them to find out about their wind



Wind examples:

The Helm Wind

The Foehn Wind

The Chinook Wind

Mistral

Santa Ana wind

The Trade wind

Roaring forties

Sirocco

Khamsin

Williwaw

Good places to look for information:

Wikipedia (but can be a bit too technical!)

<http://www.weatheronline.co.uk/reports/wind/> (still a bit on the technical side)

<https://www.rmets.org/metmatters/winds-change> (limited number of winds)

<http://www.metlink.org/other-weather/weather-hazards/local-winds/>

