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/