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| **Topic to be covered:****4.6: We are meteorologists - presenting the weather** |
| **Vocabulary*** Meteorology
* Meteorologists
* Weather stations
* Measuring
* Analogue
* Digit
* Data
* Forecasts
* Input /Output
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| **People**MetLink can organise school visits from ‘meteorological ambassadors’. See http://www.metlink.org/teachers/ ambassadors/. The Met Office offer schools video conferences with their staff. |
| **Places**There may be a publicly accessible weather station in your area that would be happy to host a school visit. Learn about the weather from the Met Office Learning page http://www.metoffice. gov.uk/learning. |
| **Events**Weather might form a theme for a school assembly, particularly if the pupils become aware of weather-related natural disasters globally? |
| **Knowledge & Skills – Basic Level**  |
| **Knowledge**Can I understand that the weather can be measured using different techniques?  |
| **Skills**Can I use weather measurement equipment safely?Can I enter data?Can I take digital photos?Can I create simple charts?Can I make simple predictions?Can I create a presentation for my weather forecast? |
| **Knowledge & Skills – Core Intermediate Level** |
| **Knowledge**Can I understand different measurement techniques for weather, both analogue and digital? |
| **Skills**Can I use computer-based data logging to automate the recording of some weather data?Can I use spreadsheets to create charts to analyse data?Can I make sensible predictions?Can I add measurements and descriptions to photographs?Can I present the weather effectively to my peers? |
| **Knowledge & Skills – Advanced Level** |
| **Knowledge**Can I understand different measurement techniques for weather, both analogue and digital and confidently explain the difference? |
| **Skills**Can I confidently use computer-based data logging to automate the recording of some weather data?Can I confidently use spreadsheets to create charts to analyse data?Can I explore inconsistencies in data?Can I identify unusual data?Can I make accurate predictions?Can I confidently use practise presentation software and, optionally, video? |