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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 |
| **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? |