Extreme Weather Topic Menu…

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| Investigate and research extreme weather in the UK and then build a den to protect yourself from a storm.How to build a den:<https://www.edenproject.com/learn/for-everyone/how-to-build-your-own-den> - Den building tips: <http://stormshelterslawtonok.com/> -  | Learn about the homes that people build around the world to live in different climate.Design and build a model house that is best suited to a challenging climate. | Learn about flooding in the UK and in other countries. Look carefully at the homes built to withstand flooding and design a flood-resistant house. |
| Research some of the largest floods in the UK. When did they happen? Why do you think they happened? Can you plot on a map where some of the largest floods in the United Kingdom have been?  | <https://www.youtube.com/watch?v=hZ6V5jT6NOY> - BBC weather forecast recording.Create a weather forecast for the following day. You could make a map of weather to point to as you tell your forecast! You might even want to dress up really smartly so that you look like a real meteorologist!  | Design and create a wind vane to make lovely noises in the wind. You could use anything around your house that makes a noise when it clangs together.  |
| Locate Africa and also South Africa on the globe or in a map. **Parts of South Africa are quite close to the equator and that large parts have a hot and dry climate. The people are often short of water and need rain. There are many songs and chants about the weather in Zulu, especially those that might encourage rain!**Can you write or create a song to encourage rain to come? See if you can use objects around your house to make some music to go with your song!Sime links to help you:[Thunder and Lightning sound clips](http://soundbible.com/suggest.php?q=thunder+and+lightning&x=9&y=18) from soundbible.com[Rain sound clips](http://soundbible.com/suggest.php?q=rain+sound&x=0&y=0) from soundbible.com[Recording of 'I hear Thunder'](https://www.bbc.co.uk/learning/schoolradio/subjects/earlylearning/nurserysongs/F-J/i_hear_thunder) from bbc.co.uk | Play the [video clip of Madosini Manqina](https://www.youtube.com/watch?v=Q9iIXnP1UBY) (link) a South African musician playing traditional instruments. *What could ‘percussion’ mean?* *(Percussion instruments are instruments that you can shake, hit or pluck.)* *Traditional African instruments are made from things people could find around them. What does this tell you about where people live and what their lives might be like?*Using the ‘how to make instruments’ resource on the web page, create your own instrument! | Freeze frame activity.First, decide a weather type, then mime a story using 3 images: a beginning, middle and end. E.G. for the weather type snow – you could be pointing to a hill, then getting into a sledge and the third speeding down the hill. Challenge somebody in your family to work out which weather you are!  |
| Go on a [virtual tour](https://www.bas.ac.uk/polar-operations/life-in-the-polar-regions/virtual-tours/virtual-trip-to-antarctica/) (ctrl and click the blue link <-) from the UK to Antarctica. Look at the photographs and read the information. *How can people survive in Antarctica?* | Watch [clip showing Emperor Penguins huddling](https://www.youtube.com/watch?v=X-U8h1SCDbU). How do penguins stay warm?! Create a piece of writing or a labelled illustration to explain how penguins manage to stay warm!  | Be an ‘eco-spy’ and go around your house- what things do you do in your house to help the environment? |
| Create a poster or a leaflet to explain how people can help to be environmentally friendly in their day-to-day life. |

Climate Change Links:

<https://www.youtube.com/watch?v=Sv7OHfpIRfU> - Clip about climate change; <http://news.bbc.co.uk/cbbcnews/hi/specials/messages_for_the_world_leaders/default.stm> - Clip – chn from around the world talk about climate change; <http://www.eschooltoday.com/climate-change/what-can-I-do-about-climate-change.html> - What you can do to help!