

## Year 7 ILT – Weather

**Learning task** – you will spend the next few weeks completing an independent learning task. This is an opportunity for you to work independently and structure your own learning. You can present this in any way you like – booklets, A4 pages clipped together, pages cut out into a shape that links with this project. It will eventually go into a cardboard folder, so don't put it into an A4 bulky folder.

**Hint** – Don't forget to be resourceful – use your skills – look around relevant classrooms, ask relevant people at school who may know. Where will you find this information? Also, you need to be a good planner for this task. You will need to do bits of it each week. Do not leave it all until the week or the night before! Do not just copy and paste information from the internet. Put information into your own words.

**Final deadline Tuesday 7<sup>th</sup> February 2017**

<b>ASSIGNMENTS</b>	<b>B</b>	<b>D</b>	<b>S</b>	<b>P</b>
1. What are the instruments used for measuring weather?  Due date –	List/ or find pictures of 5 different weather instruments.	List and describe various instruments for measuring the weather.	Explain how various instruments for measuring the weather are used.	Research the latest technology used for weather recording. Suggest the advantages and disadvantages of it.  <b>Or</b> Make a weather station
2. Find out how weather is recorded and results given to the general public?  Due date –	Use words/symbols to record the weeks' worth of weather.	Record the weather for a week:- Temperature Rainfall Wind direction	Record the weather for a week. Draw graphs to show the temperature (line graph). Rainfall (bar graph) that you recorded for the week.	Compare your weather results for the week with another country
3. Investigate extreme weather.  Due date –	Find out a minimum of 5 facts about an extreme weather event.	Write a page about an extreme weather event. Include pictures. e.g. Hurricane/snowstorm	Produce a case study of an extreme weather event. e.g. Hurricane Snow storm etc. It should include causes, impacts (social, economic and environmental) and responses)	Compare an extreme event in an LEDC (poor country) to an MEDC (rich country)
4. How air pressure influences weather  Due date –	Describe what high and low pressure are. Draw a diagram to go with each diagram	Describe the type of weather associated with high and low pressure.	Find a synoptic chart for an area and explain whether it is showing high or low pressure.	Compare the hazards associated with high pressure with the hazards associated with low pressure.

