

Year 5/6 Homework - Weather and Climate.

	Task option 1	Task option 2
Remember	Design an item of clothing to keep you warm in extreme Antarctic weather conditions. Your design should include the science of how to keep warm.	Produce a detailed design of an item of clothing to keep you warm in extreme Antarctic weather conditions. Your design should include the science of how to keep warm.
Understand	Research 5 amazing climate facts. E.g. Biggest hailstorm, strongest wind, hottest place, or highest rainfall. Present these as creatively as you can.	Take photographs of different cloud formations and note down the weather conditions at that time. Can you draw any conclusions between the type of weather and the cloud formation?
Apply	Use your knowledge of different weather types to produce a piece of art that reflects a particular weather and the emotions it evokes.	Use your knowledge of different weather types to produce a piece of art that reflects the transition from one weather type to another.
Analyse	<p>Classify Weather types</p> Produce a fact file to classify different weather types E.g. How is fog formed? How is snow formed?	<p>Classify Weather types</p> Produce a detailed fact file to explain the different weather types and include more information on why different weather conditions occur e.g. fog.
Evaluate	Do you like living in Great Britain with our 4 seasons- Autumn, Winter, Spring and Summer? Or would you rather live in another climate? Present your thoughts however you wish, e.g. poetry.	Investigate extreme weather disasters and the impact this had both at the time and the ongoing consequences. This can be abroad or closer to home!
Create	Design and make a weather recording device e.g. a wind vane, weather vane, sun dial etc. Use it to record different weather conditions.	Design and make a weather recording device e.g. a wind vane, weather vane, sun dial etc. Use it to record different weather conditions and create graphs to present your findings.

Please complete 2 tasks by the end of the half term. Year 6 do not have to complete any over this (very busy) half term - they are entirely optional!