

# Geography

## Weather and climate



### What will the students study?

Students will explore the concepts of weather and climate. They will learn about the different types of weather we experience on a daily basis and how this phenomenon is measured and recorded. The UK has two dominant air pressure systems (high and low) which determines our weather. High-pressure systems are associated with settled weather (no clouds, clear skies, slight breeze) whereas low-pressure systems bring unsettled weather (cloudy, rainy, wind). Rainfall is a weather phenomenon that influences everyone especially us in the UK hence the students will study the three types of rainfall namely, frontal, convectional and relief. The final section of work for this unit will examine the weather and climate of the British Isles.

### What will homework be?

Homework will consist of three broad in-depth sessions, which will follow the study scheme. The first session will focus on the theory and skills needed at this level which will include interpreting and reading various weather charts. The second will involve a months weather recording exercise the information at the end will be interpreted using a range of graphical techniques (numeracy). The final piece will involve extended writing (SPaG) which will focus on the weather associated with the UK – pressure systems and rainfall.

### How can you help?

Students will need to do their own research with the extended writing and project based work therefore will need support accessing and possibly interpreting the information.