

Experience and Outcomes

I can use a range of maps and geographical information systems to gather, interpret and present conclusions and can locate a range of features within Scotland, UK, Europe and the wider world. SOC 3-14a

Learning Outcome

By the end of today's lesson, I will be able to measure the weather and construct a weather station circle.

Resources

1. Maximum and minimum thermometer
2. Rain Gauge
3. Wind vane
4. Anemometer
5. Oktas observation sheet
6. Pupil Jotters

Activity

As a class we will head outside to where 5 stations will have been set up for pupils to work around. We will use a carousel technique to ensure pupils are on task and working in small groups. Pupils will initially gather on a patch of circular grass in the playground where the instructions for the activity will be given. The 5 stations will then be equally spaces around this patch of grass and pupils in their 5 groups will move around each station.

At each station will be one way of measuring the weather. Pupils will know how to use each instrument from their learning in class. Pupils will be given 5 minutes at each station to measure the weather and then make a note of this in their jotter. Every group will visit each station.

Once pupils have visited all stations they will return to the patch of grass and they will construct their own weather station circle using their gathered information.

Pupils will then return to class.

Assessment

Pupils will be assessed through their ability to be able to create and draw an accurate weather station circle which contains accurate measurements from each of the 5 stations.

Pupils can then draw these up as part of an assessment back in class to ensure that assessment is tracked for each of these pupils.