

YEAR 7

Independent learning to be completed during school closure

GEOGRAPHY

During a two week period you would ordinarily have:

3 Geography lessons

Task A

Produce an information poster (or you could do it as a table like the one below) about how weather is measured – include a description, unit of measurement and the instrument that is used. Include pictures.

Include:

- Temperature
- Wind direction
- Wind speed
- Precipitation
- Cloud cover
- Cloud type
- Air pressure

	description	Unit of measurement	Instrument used	Image of instrument
Temperature	Measures how hot/cold an area is	°C	Thermometer	
Wind direction				
Wind speed				
Precipitation				
Cloud cover				
Cloud type				
Air pressure				

Task B

Complete a 5 day weather forecast for Newcastle upon Tyne using BBC website by filling in the table.

<https://www.bbc.co.uk/weather>

	Day 1 (day and date)	Day 2 (day and date)	Day 3 (day and date)	Day 4 (day and date)	Day 5 (day and date)
Temperature high (°C)					
Temperature low (°C)					
Highest percentage chance of rain (%)					
Wind direction (you will need to know compass directions) look at this symbol 					
Wind speed (look at the number in this symbol ) (mph)					
Sun rise time					
Sun set time					
Overall description of weather e.g.  11° 2° Sunny intervals and a moderate breeze					
Was the weather forecast accurate (colour code – green as expected, orange some parts were true, red not accurate)					

Now fill in the table for other places named Newcastle around the world.

Newcastle – South Africa

Newcastle – Australia

Newcastle – Shropshire

Now answer these questions:

1. Which place is the warmest? (give place and number)
2. Which place is the coolest? (give place and number)
3. What is the temperature range between the places? (highest-lowest)
4. What is the average temperature over the 5 days for each of the places? (add them up and divide by 5 – do this for each place)
5. Which place is the wettest? (give place and number)
6. Which place is the coolest? (give place and number)
7. What is the average rainfall over the 5 days for each of the places? (add them up and divide by 5 – do this for each place)
8. Looking at the weather which would you prefer to live in and why?
9. How has the weather affected you in the last 5 days?

Task C

Look at the pictures that show different elements of the weather and how they affect people for each photo A-M

- A) Identify the element of the weather shown
- B) Write a sentence to describe the element of the weather shown
- C) Explain the effect the element of the weather is having on people
- D) Classify the elements of the weather into 2 groups – those which have a positive effect on people and those that are having a negative effect
- E) Have you ever been impacted by the weather – give examples of positive and negative effects





1 2 out of 3 skin cancers occur on the head and neck

If you work outdoors, you are regularly exposed to sun-damage – whether you can feel it or not.

Make time to protect these areas by covering up and using sunscreen – it could save your life.

MHS
Liverpool City Council

Ears
Neck

M

The City is in Stage One Drought

WE HAVE NO WATER TO WASTE

The City's Downtown Parking Division is saving water by minimizing watering of lawns and parking lot landscape medians as much as possible

20% reduction in water use requested citywide

See how you can help. Visit www.w11s3a.org

Let's Save Together

water/waste

Remember there is a national Geographic competition you may want to enter. Please see information on the school website about how to enter. Good luck!

If you require further information please email:

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