

ALL will be able to describe the best weather needed to play three sports.

MOST will be able to use websites to collect weather data to make decisions about playing sports.

SOME will be able to predict which venues will have the warmest temperatures and suggest reasons for this.



The London Olympic Games start on 27 July 2012 and run until 12 August 2012.

You are a weather forecaster and work for the Met Office – a company that measures and predicts the weather.

Your job today is to tell the Olympic Games bosses about the weather conditions at some of the events around the UK.





First of all have a think about the weather and the Olympics. What types of weather are good for certain events?

Remember to mention temperature, wind and rainfall. You should try to say why.

Sport	Best type of weather for the competitors
 <p data-bbox="518 987 619 1014">Football</p>	
 <p data-bbox="523 1171 619 1198">Archery</p>	
 <p data-bbox="555 1357 639 1384">Tennis</p>	
 <p data-bbox="528 1574 608 1601">Sailing</p>	
 <p data-bbox="448 1753 671 1780">Athletics / running</p>	
 <p data-bbox="555 1883 644 1910">Cycling</p>	

The Olympic Committee bosses would like to know whether conditions will be perfect for the events that are happening today.

They have sent you the email below to complete.

**EMAILED FROM : THE LONDON 2012 OLYMPIC COMMITTEE.
TODAY'S OLYMPIC EVENTS**

WEATHER REPORT FOR

Location	Event	Postcode	Perfect conditions for spectators and competitors	Are the conditions perfect? Explain why / why not
Weymouth / Portland, Dorset	Sailing	DT4 7SX	Wind 12mph or more (20 km/h) (11 knots)	
Wimbledon, London	Tennis	SW19 5AE	Not more than 2mm of rain today temperature 16C to 26C	
Horse guard parade, London	Beach volleyball	SW1A 2AX	Temperature 20C to 26C no rain at all today	
Olympic stadium, Stretford, London	Athletics	E3 2NG	Temperature less than 22C no rain at all today	
Lords Cricket Ground	Archery	NW8 8QN	Wind 3 mph or less (5 km/h) (3 knots)	
The Mall Buckingham Palace	Marathon	SW1A 1AA	Temperature less than 22C not more than 2mm rain today	

To help you, go to <http://www.metoffice.gov.uk/> and type in the postcodes from the table. This will give you information from weather stations.

You may need to zoom out a couple of times to find a weather station. Click on the nearest number to get more information – and also use the “measurement layers” on the right hand side. Good luck!

Would you consider delaying or calling any of the events off due to the weather?
If so, why?

Now fill in the data for a weather station near you: Temperature:

Wind speed: Rain today: Raining now?



Well done! The Olympic bosses are really pleased with your help so far!



They would now like you to make a PowerPoint presentation for the competitors.

- You must mention what the current conditions are like for ONE of the events happening today in the table above.
- You should also try to give them a forecast for today and tomorrow.

Think carefully about their sport and the sorts of weather information that they will need to know about.

Remember! – if you are calling the event off, they will be angry – and so you will need to explain very carefully why you have made that decision!

Use the <http://www.metoffice.gov.uk/> website to help you and also <http://news.bbc.co.uk/weather/forecast/10209> and any others you can find. athletes are waiting!



Extension work:

When you have had your PowerPoint checked by your teacher, have a look at the question below.

You are going to have a go at forecasting which of these six football grounds will be the warmest at the moment.

Think carefully about where they are in the UK. Perhaps check a map.

Where in the UK would you expect to be warmest? Coolest? Try to think why.



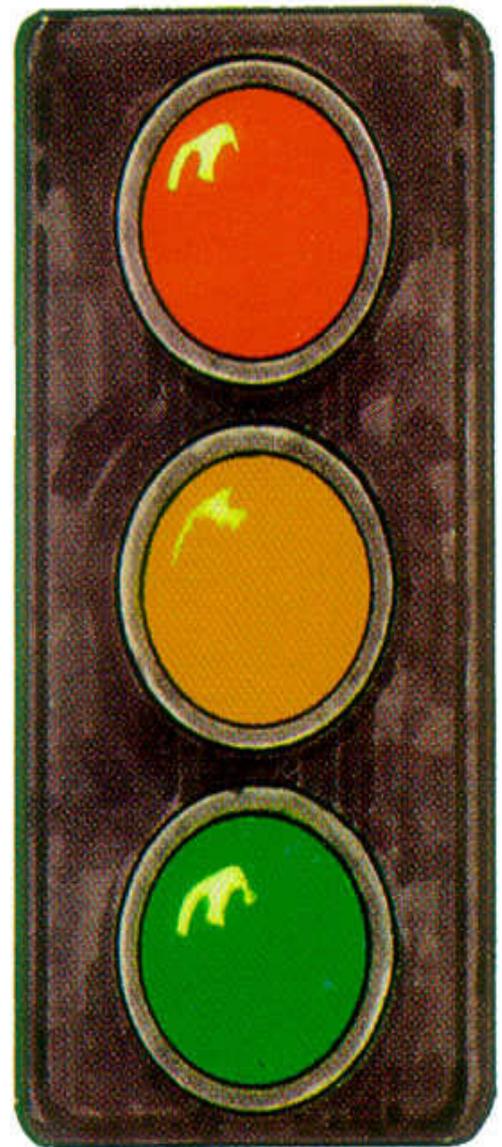
Football stadium	Postcode	Predict hottest = 1 st coolest = 6 th	Temperature In degrees Celsius	Rank order hottest = 1 st coolest = 6 th
Hampden Park, Glasgow, Scotland	G42 9BA			
St James' Park, Newcastle, England	NE1 4ST			
Old Trafford, Manchester, England	M16 0RA			
Millennium Stadium, Cardiff, Wales	CF10 1NS			
Coventry, England	CV6 6GE			
Wembley, London, England	HA9 0WS			

Now look at the WOW website and see where is actually hottest and coolest.

Is there a pattern to your results? If so, why? What surprised you? Try and use as much geography as you can!

To finish with ... how did this lesson go for YOU?

The thing I found tricky was...	
I would like to know more about ...	
I have learnt ...	



Where do you think that you reached in today's lesson?

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I think that I completed **ALL / MOST / SOME**

I know this because.....

