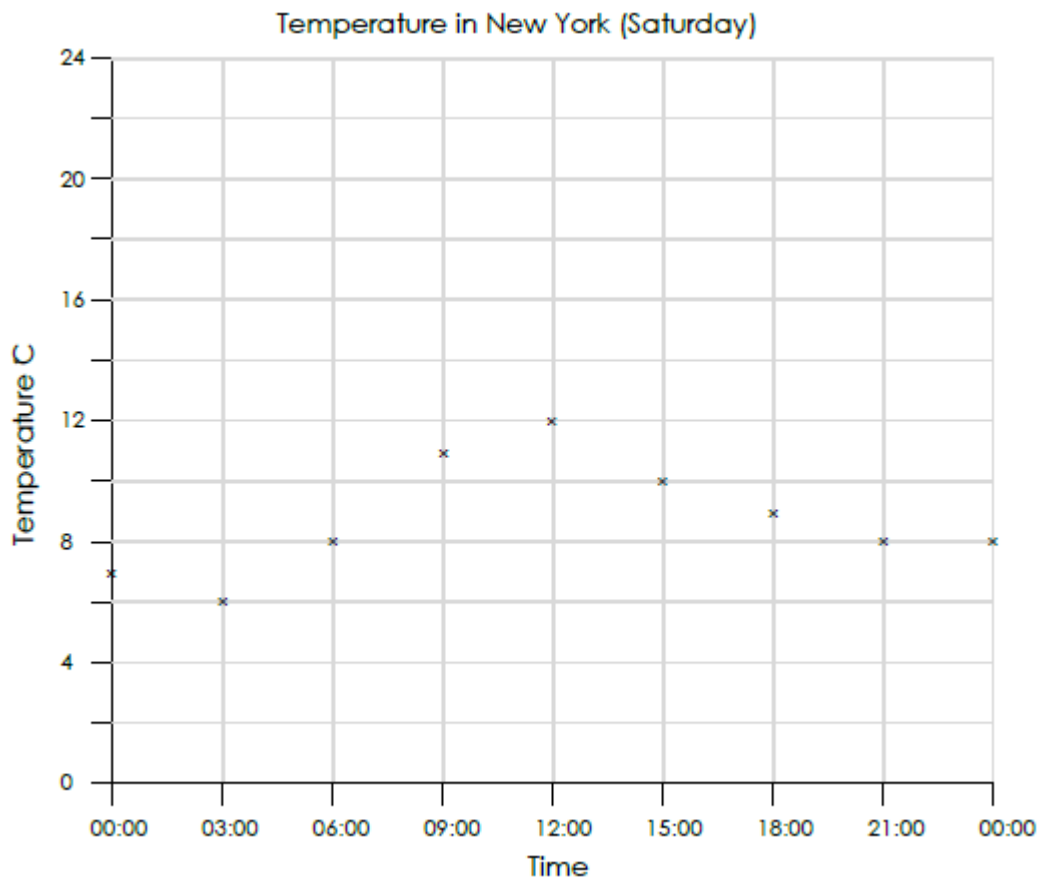


Monday 8th June

L.K: Reading and interpreting time graphs

Time graphs are a way of showing continuous data. Continuous data is data that changes over time and can include things like temperature and the rate at which something grows. They are especially useful for showing how temperature has changed over time. For this, we can link the data points using a line. This can show us where the temperature is hottest, coldest and even how it changed during the day.



Label the graph above with the following information:

- Hottest recorded time of day
- Coldest recorded time of day
- Where the temperature started to get warmer
- Where the temperature started to get colder
- Where the temperature is exactly 10°C
- What the temperature is at 18:00

Now, using the same graph, answer the following questions. Can you think of any other questions you could ask about the graph?

- 1) At what time was the temperature 6°C ?
- 2) What was the temperature at 08:00?
- 3) What was the difference between the hottest and the coldest part of the day?
- 4) Was it warmer at 9 o'clock a.m. or 9 o'clock p.m.?
- 5) Was it colder at 10:00 or at 16:00?
- 6) What was the difference between the temperature at 06:00 and at 09:00?
- 7) When was the temperature lower than 8°C ?
- 8) When was the temperature higher than 10°C ?