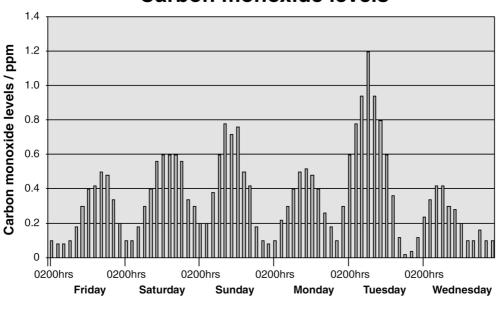
Air quality



Analysing air pollution graphs

Activity sheet B – Interpreting graphs

The graph shows data for carbon monoxide levels, collected from a site beside a main road during September. Recording started on Friday morning, information was collected every two hours.



Carbon monoxide levels

Time / hours

Complete the following sentences. Choose your answers from the words or phrases in [brackets].

- 1 The level of carbon monoxide [stays the same / goes up every day / goes up and down] from day to day. This is because there is [more / less / the same amount of] traffic at different times of day.
- Which day had the highest pollution?
 [Friday / Saturday / Sunday / Monday / Tuesday / Wednesday] had the highest levels of carbon monoxide. This could be because the weather was [cloudy / sunny / wet] so more people used their cars.
- 3 Look at the data for one day.

In the morning carbon monoxide levels [increase / decrease / stay the same] because there is [more / less / the same amount of] traffic on the roads.

The levels of carbon monoxide are highest [in the morning / at midday / in the evening]. At night the carbon monoxide levels [increase / decrease / stay the same] because there is [more / less / the same amount of] traffic on the roads.

© Association for Science Education 2008. ASE is grateful for support from the Department for Education and Skills in developing this project. Teachers and others who download this material may use it freely within their institution. For any other usage consult the ASE, satis@ase.org.uk ASE is not responsible for any revision that may be made to the material after it has been downloaded.