



Teachers' Notes B

Energy

Activity B1

The idea of this worksheet is to encourage the pupils to begin to think about all the different ways that they use energy everyday. It then progresses on to getting them to think of ways that they could use less energy thus making them more energy aware.

Activity B2

In this activity we encourage the students to become aware of monitoring their energy use. It also increases the pupils awareness of using computer programs to help them record data.

Explain to the pupils that some of the dial hands on the meter turn "clockwise" and some turn "anti-clockwise", in the illustration provided, the meter reads '73256'.

Explain that if they read the meter at the same time tomorrow and subtract tomorrow's "reading" from today's "reading" they will be able to determine the number of kilowatt-hours used in one day.

Example: Monday: 76300
 Tuesday: 76550

Kilowatt hours used: Tuesday - Monday = 250

After the weeks activity has been completed encourage the pupils to think about how this graph will vary throughout the different seasons.

Activity B3

This worksheet expands on activity B2 and helps the student to progress their computing skills. If it is decided that worksheet B2 will not be undertaken then this activity can still be used, provided the teacher provides figures for the pupils to use.