

Energy Display Meter Teaching Resources



The key to being able to reduce the amount of electricity we waste is knowing the amount of electricity we use each day. With the help of the free Energy Display Meters for schools initiative, thousands of school children across England have access to live and historic data about their schools energy usage.

Each of the following resources has been designed to integrate the information displayed by the Energy Display Meter into class based learning for a greener future.

In **Key Stage 2 / P3-P7** pupils become Energy Detectives to learn about energy use in their school through a science based lesson. Using the data from their energy display meter pupils create an action plan to reduce energy wastage in their school.

In **Key Stage 3 / S1-S3** students relate the energy use of every day appliances to their carbon footprints. Using the data from their energy display meter students create a carbon reduction pledge for their school.

In **Key Stage 4 / S4-S5** students undertake a Young Enterprise project which uses the data from their energy display meter to calculate the electricity used by the school, identify areas for energy waste reduction and create a business plan for introducing a renewable energy source to generate partial supply.

Full regional curriculum links are available for England, Scotland and Wales.

