



Ready to **Launch...**

Energy timelines



Where does our energy come from?



Time to **celebrate!**

Letters of persuasion



Are you a **Home Explorer?**

- Visit the **Light Zone** in the Wonderlab at the Science museum.
- Create your own puppet show
- Walk around your local area and identify where renewable energy is created, e.g. solar panels/wind turbines.



Wow moments

Fieldwork around our school grounds to assess the potential of renewable energy creation.

Expert knowledge:

- Light travels in straight lines
- Objects are seen because they give out or reflect light into the eye
- The Prime/Greenwich Meridian is a line of longitude which goes through 0° and determines the start of the world's time zones.
- Renewable energy is energy that does not reduce in quantity when it is used.
- Non-renewable energy cannot be replenished and will eventually run out.
- Fossil fuels are materials formed from the remains of plants and animals over millions of years.
- There are 24 time zones and each time zone is fifteen degrees of longitude apart as the Earth rotates fifteen degrees each hour.

