



BEACONSFIELD PRIMARY SCHOOL

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September 2011

Dear Parents/Carers

In IPC this term Year 6 will be following a unit of work on a theme of 'The Physical World', entitled *Energy, Force, Light and Sound*. We will be carrying out a range of activities around this topic in subjects across the curriculum. Throughout the topic the theme of 'Fairgrounds' links many of the activities. This will hopefully promote the children's enjoyment of the topic.

In Science (the main focus of the unit) we will be investigating:

- Forces (e.g. gravity, friction, up thrust etc.)
- Different sources of energy
- Magnetism
- Light
- Sound

In DT we will be:

- Designing, making and evaluating fairground rides

In History we will be finding out about:

- The history of electricity and its effect on the world we live in
- The lives of famous scientists e.g. Isaac Newton

In International/Geography we will be investigating:

- How different countries use various sources of energy.
- Where important technological developments originated historically and how they have spread around the world.

ICT will be used by the children throughout the topic to research information and present their findings. They will also be using control and data handling software in relation to their science and DT activities. The children will also take part in PSHE, RE, PE, Art and Music lessons this term but these will be taught separately.

The children will be asked to complete project work at home relating to this unit on a weekly basis. The children will also be attending a trip on the 11th of November to the science museum to take part in a 'Feel the Force' workshop relating to this topic. More information regarding this trip will follow nearer the time. It would be very helpful if you could support your child in completing their project work and spend time discussing with them what they are learning in class.

Yours sincerely
Mrs Tonge

