

Science at home

JUNE 2017

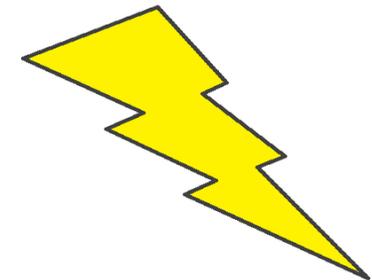
How can you help?

- ▶ Talk about plants. How do they grow? What does a plant need to survive?
- ▶ Let the children grow plants.
- ▶ Talk about the different parts of a plants and their functions.



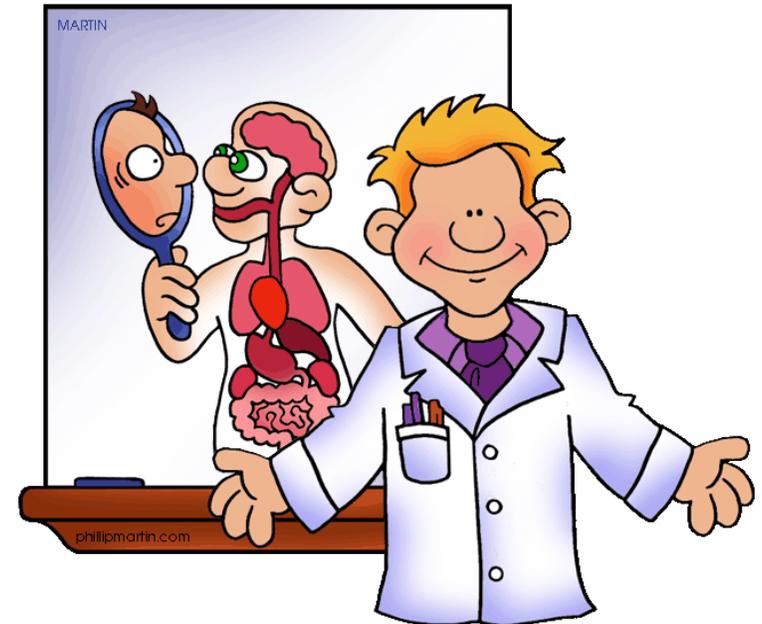
How can you help?

- ▶ Talk about how electricity works.
- ▶ Teach children about the dangers of electricity.
- ▶ Talk about reasons why an electrical circuit may become faulty?
- ▶ If possible, let children create gadgets using electrical components



How can you help?

- ▶ Talk about:
 - the life processes
 - the habitat an animal lives in and why
 - how animals adapt to their environment
 - the human body
 - the function of the organs
 - the importance of looking after your teeth
 - the importance of a balanced diet



Experiments

- ▶ Grow plants and place them in different areas of your house.
- ▶ Identify objects which sink or float
- ▶ Do some exercise and then identify how long it takes to get your heartbeat back to normal
- ▶ Identify reversible and irreversible changes
- ▶ Muffling sound experiment using different types of materials
- ▶ Dissecting plants to identify the different parts
- ▶ Cooking and discussing the chemical and physical changes that happen

Websites

- ▶ BBC Bitesize (KS1 or KS2)
- ▶ Woodlands Kent Science
- ▶ Virtual experiments (KS1 or KS2)
- ▶ Crickweb Science
- ▶ BBC learning zone (Videos)
- ▶ STEM
- ▶ Manchester University Primary Science
- ▶ Science Museum Website

Places to visit

- ▶ Science Museum
- ▶ London Zoo
- ▶ Farms
- ▶ Safari Parks
- ▶ Kew Gardens
- ▶ Sea life Aquarium

Web links

- ▶ <http://www.bbc.co.uk/bitesize/ks2/science/>
- ▶ <http://resources.woodlands.kent.sch.uk/>
- ▶ http://www.sciencemuseum.org.uk/online_science
- ▶ <http://www.bbc.co.uk/education/subjects/z2pfb9q>
- ▶ <http://www.crickweb.co.uk/ks1science.html>
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