

science

Science provides the foundation for understanding the world in which we live. It changes lives and is vital for future prosperity. Children are taught essential aspects of the knowledge, methods, processes and uses of science. Science is a dynamic subject and should engender curiosity and discovery, through practical and experimental lessons.



The aims of the new National Curriculum for science are to ensure all pupils:

- Develop **scientific knowledge and conceptual understanding** through the specific disciplines of biology, chemistry and physics
- Develop understanding of the **nature, processes and methods of science** through different types of science enquiries that help them to answer scientific questions about the world around them
- Are equipped with the scientific knowledge required to understand the **uses and implications** of science, today and for the future

Programme of study

Year 1: Plants

Animals, including humans
Everyday materials
Seasonal changes

Year 2: Plants

Animals including humans
Uses of everyday materials

Year 3: Plants

Animals, including humans
Rocks
Light
Forces and magnets

Year 4: Living things and their habitats

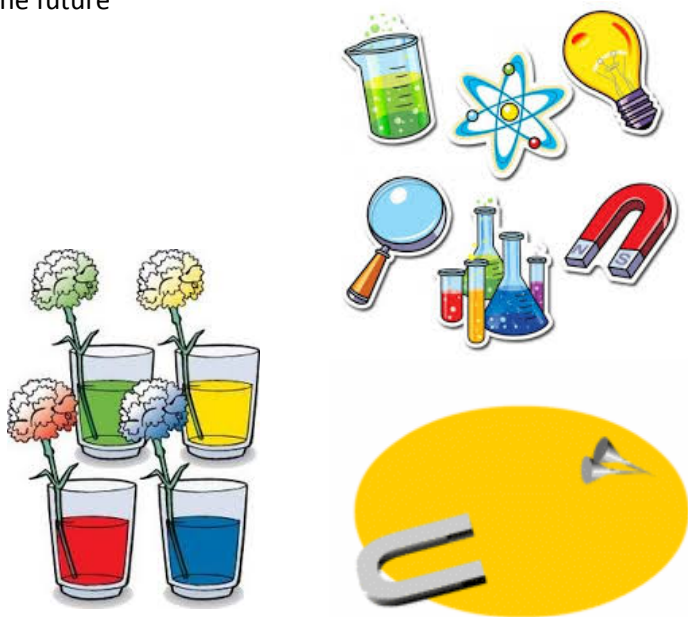
Animals, including humans
States of matter
Sound
Electricity

Year 5: Living things and their habitats

Animals, including humans
Properties and changes of materials
Earth and space
Forces

Year 6: Living things and their habitats

Animals, including humans
Evolution and inheritance
Light
Electricity



Useful websites



http://www.bbc.co.uk/bitesize/ks2/science/living_things/

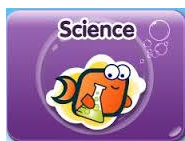


<http://www.brainpop.co.uk/science/seeall/>

<http://www.primaryhomeworkhelp.co.uk/science/index.html>



<http://www.bbc.co.uk/bitesize/ks2/science/materials/>



http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/



<http://www.echalk.co.uk/General/MoonSpin/moonSpin.html>

http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ey/science/animal_h/index.htm

http://www.bbc.co.uk/schools/websites/4_11/site/science.shtml

http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks1/science/body_parts_p/index.htm



http://www.bbc.co.uk/schools/scienceclips/ages/10_11/changing_circuits_fs.shtml

<http://www.bgfl.org/15.cfm?s=15&p=249,index>