

The BBC bitesize website provides a range of learning guides and film clips. The Children's University website provides tutorials and quizzes. Both sites can be used to learn about other subjects as well. You may be asked to enable flash player to view these:

KS1

<https://www.bbc.co.uk/bitesize/subjects/z6svr82>

KS2

<https://www.bbc.co.uk/bitesize/subjects/z2pfb9q>

<https://www.childrensuniversity.manchester.ac.uk/learning-activities/science/>

These online activities can be used:

- to recap what they have already learned about
- to continue learning about what they are currently studying
- to start thinking about the next areas of learning

The following is a summary of what each year group is currently learning about and what they will be learning next. This should help you to find relevant activities for your child:

Year 1

Animals including humans – identifying common animals; looking at what different animals eat; looking at basic features and body parts of different animals.

Plants – naming common plants; learning about the different parts of plants.

Year 2

Living things and their habitats – the differences between living and non-living things; how habitats provide for the basic needs of animals; understanding food chains.

Plants – how plants grow from seeds or bulbs; what plants need to grow healthy.

Year 3

Rocks – comparing and grouping different types of rocks; describing how fossils are formed; recognising that soil is made from rock and organic matter.

Forces and magnets – understanding that magnetism is a force; identifying magnetic materials; observing how magnets attract or repel each other; describing that magnets have two poles.

Year 4

Living things and their habitats – identifying a variety of living things; using classification keys to group living things; recognising that environments can change and how this sometimes poses dangers to living things.

Animals including humans – describing the basic parts and functions of the digestive system; identifying the different teeth and their function; constructing food chains; looking at predator and prey.

Year 5

Properties and changes of materials – understanding that some materials dissolve in liquid; deciding how mixtures might be separated by sieving, filtering or evaporating; identifying how dissolving, mixing and changes of state are reversible changes; know that some changes form new materials and are not usually reversible.

Living things and their habitats – explain the differences in the life cycles of different animals; describe the process of reproduction of some animals and plants.

Year 6

Evolution and inheritance – recognise that living things produce offspring which usually vary and are not identical to their parents; that animals and plants are adapted to suit their environments; recognise that living things change over time and that fossils provide evidence of this.

Animals including humans – identify and name the main parts of the human circulatory system; explain the functions of the heart, blood vessels and blood; recognise the impact of diet, exercise, drugs and lifestyle on the human body; describe the ways water and nutrients are transported within animals including humans.