

Please find below a list of resources to support the key knowledge, skills and understanding taught within each area of study:

The Nature, Processes and Methods of Science (Working Scientifically)

Year 5 and Year 6

What is science?

<https://www.bbc.co.uk/bitesize/articles/zshxb82>

Why do scientists ask questions?

<https://www.bbc.co.uk/bitesize/articles/zwdtrwx>

How to use scientific equipment

<https://www.bbc.co.uk/bitesize/articles/z2qqj6f>

How to record and represent your findings

<https://www.bbc.co.uk/bitesize/articles/zg496yc>

Drawing conclusions and evaluating

<https://www.bbc.co.uk/bitesize/articles/z98xb82>

How do you make sure a test is fair?

<https://www.bbc.co.uk/bitesize/articles/zpctrwx>

Why do we observe things over time?

<https://www.bbc.co.uk/bitesize/articles/zyyqfcw>

How can patterns help us draw conclusions?

<https://www.bbc.co.uk/bitesize/articles/zw3xb82>

What are secondary sources of information?

<https://www.bbc.co.uk/bitesize/articles/zgd2y4j>

Scientific Knowledge and Conceptual Understanding (Areas of study)

Year 6 – Light

How light travels

<https://www.bbc.co.uk/bitesize/articles/zp7f8mn>

Year 5 – Forces

What is a force?

<https://www.bbc.co.uk/bitesize/articles/zywcrdm>

What is friction?

<https://www.bbc.co.uk/bitesize/articles/zxqrdxs>

Air and water resistance

<https://www.bbc.co.uk/bitesize/articles/zxw6gdm>

Gravity

<https://www.bbc.co.uk/bitesize/articles/zqbm3k7>

Year 4 – Sound

How are sounds made?

<https://www.bbc.co.uk/bitesize/articles/zstr2nb>

How are sounds detected?

<https://www.bbc.co.uk/bitesize/articles/zx9hcj6>

What is pitch?

<https://www.bbc.co.uk/bitesize/articles/z3j3jty>

What is the volume of sound?

<https://www.bbc.co.uk/bitesize/articles/zqtdpbk>

Year 3 – Forces and Magnets

What is a magnet?

<https://www.bbc.co.uk/bitesize/articles/zpvcrdm>

Which materials are magnetic?

<https://www.bbc.co.uk/bitesize/articles/zw889qt>

Year 2 – Uses of Everyday Materials

Which material do we use?

<https://www.bbc.co.uk/bitesize/articles/z9pgcdm>

Year 1 – Everyday Materials

Everyday materials

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

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