



# (Year 7 Biology) Learning Journey Map

YEAR  
8

1. Photosynthesis and testing leaves for starch

3. Plant Minerals

2. Leaf Structure

TOPIC NAME

8. Smoking

6. Drugs

Maths Skills: Basic numeracy.

Working Scientifically: Test a leaf for starch and observe the stomata of a leaf

Topic 4: Bioenergetics (Half-term 5)

7. Alcohol

1. Nutrients

3. Unhealthy Diet

5. Bacteria and Enzymes in Digestion

TOPIC NAME

2. Food Tests

4. Digestive System

Topic 3: Healthy Living (Half-term 4)

Maths Skills: Basic numeracy

Working Scientifically: Extract nutritional information from food packaging, carry out food tests, collect experimental data and record observations, draw results in a table, plot graphs and interpret secondary data

7. Fertilisation in Plants

5. The Menstrual Cycle

Maths Skills: Basic numeracy

Working Scientifically: Dissect a flower and design a plant

Topic 2: Reproduction (Half-term 3)

TOPIC NAME

2. Reproductive Systems

4. Development of a Foetus

1. Puberty

3. Fertilisation and Implantation

5. Unicellular Organisms

3. Specialised Cells

1. Observing Cells

Topic 1: Cell Biology (Half-term 2)

YEAR  
7

6. Levels of Organisation

4. Movement of substances

2. Animal and Plant Cells

Content  
BBC bitesize link [KS3 KS3 Biology - BBC Bitesize](#)

TOPIC NAME

Maths Skills: Basic numeracy including calculating magnification

Working Scientifically: Use microscopes, observe diffusion in gels, observe unicellular organisms, interpret data and information