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# Royal Microscopical Society

## Microscope Activity Kits and the Scottish Curriculum

# Links to Scottish Curriculum

## Activity 3

**1-01a** I can distinguish between living and non living things. I can sort living things into groups and explain my decisions.

**1-03** I can help to design experiments to find out what plants need in order to grow and develop

**1-12a** By researching, I can describe the position and function of the skeleton and major organs of the human body

**1-12b** I have explored my senses and can discuss their reliability and limitations in responding to the environment.

## Activity 4

**2-01a** I can identify and classify examples of living things, past and present, to help me appreciate their diversity

**2-13a** I have contributed to investigations into the role of microorganisms in producing and breaking down some materials

**3-13a** Using a microscope, I have developed my understanding of the structure and variety of cells and of their functions.

**3-13b** I have contributed to investigations into the different types of microorganisms and can explain how their growth can be controlled.

# Links to Scottish Curriculum

## Activity 5

**1-15a** Through exploring properties and sources of materials, I can choose appropriate materials to solve practical challenges

**1-16a** I can make and test predictions about solids dissolving in water and can relate my findings to the world around me.

**2-15a** By contributing to investigations into familiar changes in substances to produce other substances, I can describe how their characteristics have changed

**2-16a** I have participated in practical activities to separate simple mixtures of substances and can relate my findings to my everyday experience

## Activity 6

**1-01a** I can distinguish between living and non living things. I can sort living things into groups and explain my decisions.

**1-03** I can help to design experiments to find out what plants need in order to grow and develop

**1-12a** By researching, I can describe the position and function of the skeleton and major organs of the human body

**1-12b** I have explored my senses and can discuss their reliability and limitations in responding to the environment.