

Biology and beyond – Sessions Overview

Through a series of enrichment focused workshops, this course is designed to give an appreciation of how biology contributes to everyday applications and for pupils to gain an insight into a range of related careers.

Breakdown of sessions for the biology workshops:

Session 1: Forces and motion

Learning opportunities include:

- Pushes and pulls
- Friction and resistance
- Gravity
- Magnets

Session 2: Light and sound

Learning opportunities include:

- Sound and vibration
- Electricity
- Circuits
- Earth and space

Session 3: Living things and their habits

Learning opportunities include:

- States of matter
- Sound
- Movement

Session 4: Cells and cell function

Learning opportunities include:

- Patterns of behavior
- Genetics
- Atoms, elements and compounds
- Cell biology

Session 5: Everyday materials

Learning opportunities include:

- Seasonal changes
- Rocks
- Acids and bases

Session 6: Waves

Learning opportunities include:

- Radioactivity
- Living organisms
- Pure and impure substances