



IMAGING PARTNERSHIP

Exploring Education Through Imaging

Bioscience Club

Sessions Overview

Through a series of entertaining and educational workshops, based on practical hands-on experiences, this course is designed to give an appreciation of how an exploration of Bioscience contributes to pupils' understanding of how our world works and the challenges faced in recording it through the medium of Photography/Imaging.

Breakdown of Sessions for the Bioscience Workshops:

Session 1: Introduction to Bioscience

Learning opportunities include:

- What is Bioscience?
- Why is it important?
- What is meant by 'living organism'?

Session 2: Biology

Learning opportunities include:

- What is Biology about?
- That living organisms rely on energy to survive
- The role of Genetics
- Capturing images of living creatures – macro and close-up photography

Session 3: Biotechnology

Learning opportunities include:

- What is Biotechnology?
- Biotechnology in Agriculture
- Capturing images of crops growing – time lapse

Session 4: Cloning

Learning opportunities include:

- What is Cloning?
- Cloning in nature and horticulture
- Capturing images of plants and fungi
- Cloning photographic imagery

Session 5: Fermentation

Learning opportunities include:

- What do we mean by fermentation?
- How is it used?
- Learning about yeast

Session 6: Bioengineering

Learning opportunities include:

- What is Bioengineering?
- Biomimetics as a strand of Bioengineering
- Capturing images from nature to use in our own designs
- Bioengineering in Medicine