



Olive Academies

KS3 Biology Learning Journey

Havering

The purpose of the Biology curriculum is to teach and cover the topics of:

- Working Scientifically
- Structure and Function of Living Organisms
- Material Cycles and Energy
- Genetics and Evolution
- Interactions and Interdependencies

Our KS3 course follows the Biology Activate scheme of work. As well as developing our students' knowledge and understanding of scientific theory, our curriculum has an integrated working scientifically component and a clear focus on literacy and communication that seeks to develop students' confidence in articulating their scientific ideas.

Year 1

Working Scientifically

Scientific Attitudes

Experimenting Skills and Investigations

Analysis and Evaluation

Measurement

Structure and Function of Living Organisms

Cells and Organisms

Structure and Function of Living Organisms

The Skeleton and Muscular Systems

Gas Exchange Systems

Structure and Function of Living

Health

Structure and Function of Living Organisms

Nutrition and Digestion

Material Cycles and Energy

Photosynthesis

Year 2

Material Cycles and Energy

Cellular Respiration

Genetics and Evolution

Inheritance Chromosomes, DNA and Genes

Recap Structure and Function of Living Organisms

Genetics and Evolution

Inheritance Chromosomes, DNA and Genes

Structure and Function of Living Organisms

Reproduction

Interactions and Interdependencies

Ecosystems

Where will KS3 Biology take you?

KS3 Biology gives you the skills to be ready for GCSE Biology!