

JKHS Key Stage 3 Science Year 9

2024-25



Course Description

Our main aim in the Science department is to engage young students with a wide variety of scientific concepts and activities that will stimulate their naturally enquiring minds into asking the question "How does Science Work?"

The course has a strong focus on areas such as the applications and implications of science. The objective is to develop confident young scientists who will have the capacity to analyse and evaluate scientific evidence.

Outline of content

Date	Biology	Chemistry	Physics
Autumn 2024	Cells and Biological Organisation	The Atom The Periodic Table & Electronic Structure	Forces and Motion Energy
Spring 2025	Photosynthesis Respiration	Reactivity of Metals Reactions of Acids	Electricity and Magnetism Waves and Radiation
Summer 2025	Biological Interdependence Biodiversity and Ecosystems	The Atmosphere and Analysis of gases	Matter