

Science

Staffing

Kirsty Spencer	Acting Head of Science
Sadia Javed	KS3 Science Co-ordinator
Paul Olney	Teacher of Science
Mohi Uddin	Teacher of Science
Muhammad Usman	Teacher of Science
Sam Sidhu	Teacher of Science
Julian Wigley	Deputy Head-teacher

Aims

Actively promote a love and enthusiasm for Science while developing the skills needed for students' to fulfil their potential.
 Develop students' ability to use analytical and investigative techniques to access Science and the rest of the curriculum.
 Prepare students for success in their GCSE examinations.

Progress

Year 9 (2016/2017)
99 % of students made expected progress
92% of students made more than expected progress
Year 8 (2016/2017)
85% of students made expected progress
33% of students made more than expected progress
Year 7 (2016/2017)
77% of students made expected progress
17% of students made more than expected progress

Curriculum Map

Key Stage	Year group	Autumn Term	Spring Term	Summer Term
KS3	Year 7	<ul style="list-style-type: none"> Living Systems The Particulate Matter of Nature Forces and Motion 	<ul style="list-style-type: none"> Diet and Health Atoms, Elements and Compounds Genetics and Evolution 	<ul style="list-style-type: none"> Reactions Electricity and Electromagnetism
	Year 8	<ul style="list-style-type: none"> Photosynthesis, Respiration and Circulation Acids and Alkalis Energy 	<ul style="list-style-type: none"> Reproduction and Growth Waves Materials and Everyday Chemistry 	<ul style="list-style-type: none"> Ecosystems Earth and Atmosphere
KS4	Year 9	<ul style="list-style-type: none"> Cell Biology Organisation Atomic Structure and The Periodic Table 	<ul style="list-style-type: none"> Energy Infection and Response 	<ul style="list-style-type: none"> Quantitative Chemistry Chemical Changes Electricity

		<ul style="list-style-type: none"> Bonding, Structure and Properties of Matter 		
	Year 10	<ul style="list-style-type: none"> Bioenergetics Homeostasis and Response Energy Changes The Rate and Extent of Chemical Change 	<ul style="list-style-type: none"> Particle Model of Matter Atomic Structure Inheritance, Variation and Evolution 	<ul style="list-style-type: none"> Organic Chemistry Chemical Analysis Forces
	Year 11	<ul style="list-style-type: none"> Ecology Chemistry of the Atmosphere Using Resources 	<ul style="list-style-type: none"> Waves Magnetism and Electromagnetism Revision 	<ul style="list-style-type: none"> Revision

Enrichment

Weekly booster classes for students not making expected progress.
Catch up classes during holidays for students not making expected progress.

Extra-Curricular

Yearly trip for Year 7 to 'The Big Bang Science Fair' at the NEC.
STEM projects to provide students with additional opportunities within science, technology, engineering and maths.

Contact Details

If you require further information on the Science Curriculum offered at Jewellery Quarter Academy please contact:

Kirsty Spencer
at
Jewellery Quarter Academy
Saint George's Court
1 Albion Street Birmingham
B1 3AA

Telephone: 0121 289 3944