

Our intent is that all students have a full understanding of how to develop themselves as well rounded citizens, maintain heo del

- Links with local industries and national organisations, innovative external speakers, events and resources
- Opportunities for students to visit University Science Departments
- Science based activity days
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We run a series of 'Careers in the Curriculum' weeks in our school. For Science, this week takes place in January.

Students take part in a number of activities to encourage them to think about how what they learn in the classroom can be applied in a number of future careers.

Our rewards system can be broadly split into four categories: classroom level, subject level, school level and privilege rewards. We'll focus on classroom and subject rewards here - for more information about our rewards schemes, please see our website.

CLASSROOM LEVEL REWARDS

Awarded for: working hard, taking risks and rising to a challenge,

Edition 4
January
2023

SCIENCE

Curriculum Intent

The Science curriculum is inclusive and ambitious for all students, designed to engage students and strengthen the memory of what is being learnt.

The curriculum is organised into 12 Big Ideas that are developed through a series of key concepts organised into teaching topics which are revisited throughout the KS3, 4 and 5 programmes of study.

The Science curriculum is planned to build increasingly sophisticated knowledge of the products and practices of Science.

Year 8 Curriculum

Unit 10 - Matter

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In Year 8 students will study six topics in Science linked to the 12 Big Ideas.

Unit 7 - Waves

In this unit students will explore how energy is transferred as waves. They will explore how we observe and hear things through the movement of light and sound.

Unit 8 - The Periodic Table

Students will explore the periodic

properties in certain groups by carrying out practical investigations and describing the trend in these groups.

Unit 9 - Organ Systems

Students will be learning about the organs in our bodies. They will explore the key processes and parts

respiratory systems and digestive system.



Hav your say!

any thoughts/opinions on this Curriculum Newsletter, its content or the curriculum in general, please scan the QR code to fill out a short feedback form.



The Science Way

The Science Way is followed in all of our lessons. It is designed to help students become young subject specialists and has two main purposes: to teach students the vital skills needed to achieve their full potential, and to demonstrate how Science relates to the wider world.