



Edition 4  
January  
2024

# SCIENCE

Curriculum Newsletter

## YEAR 7

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# 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. We aim to spark a lifelong passion for science by cultivating a sense of wonder and awe about the natural world.

Our curriculum intends to foster a spirit of curiosity and inquiry, encouraging students to ask questions and seek answer and connect science to their everyday lives, demonstrating its relevance and importance.

## WPT Y7 Science Study Lounge



- ✓ Videos
- ✓ Quizzes
- ✓ Exam Practice



- ✓
- ✓

The WPT Science Study Lounge offers students a place to find help, support and opportunities to further develop their understanding of science. Students can visit by clicking to the left and explore the activities, videos, quizzes and exam questions designed to help them succeed in Science.

Students also have access to the online quizzing platform Educake. Every question is auto-marked, and students get instant feedback. Students can set themselves quizzes for more practice. They can see how they are doing on every topic and can identify areas to revise based on their progress.

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.

## Broadening Horizons

Our intent is that all students have a full understanding of how to develop themselves as well rounded citizens, maintain healthy relationships and understand how to keep themselves safe both online and in their day-to-day life. We want all students to know what options are open to them in the future and understand the routes they have in order to progress on their life journey.

Just some of the things our curriculum includes to broaden our students horizons:

- Science based activity days to engage and enthuse students in STEM subjects, including The Big Bang STEM day. This year's competition will focus on "How can renewable energy solve the energy crisis". Students will be challenge to design and build solutions that could power our planet for generations to come
- KS3 Science Club – A fantastic opportunity for students to get hands on with science. Watching slime erupt, building mini volcanoes, and concocting invisible inks are just some of the activities students can get involved with

Students can also develop their science skills and knowledge further by visiting Science Museums and half term events with family or friends. There are lots of Science Museums all across the UK you can visit, click on their logos to find out what science experiences they can offer you!

We run a series of 'Careers in the Curriculum' weeks in our school. For Science, this week takes place in January.

# The Science Way

Our subject has a 'Subject Way' at the heart of it. Our Subject Way is designed to help students become young subject specialists. The Subject Way has two main purposes:

Firstly, to teach students the vital skills they need to achieve their full potential and gain the very

best subject specialists. The Subject Way is designed to help students become young subject specialists. The Subject Way has two main purposes:



At WPT we're always looking for feedback. If you have 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.