



WICKERSLEY
PARTNERSHIP
TRUST

Edition 6
January
2025

SCIENCE

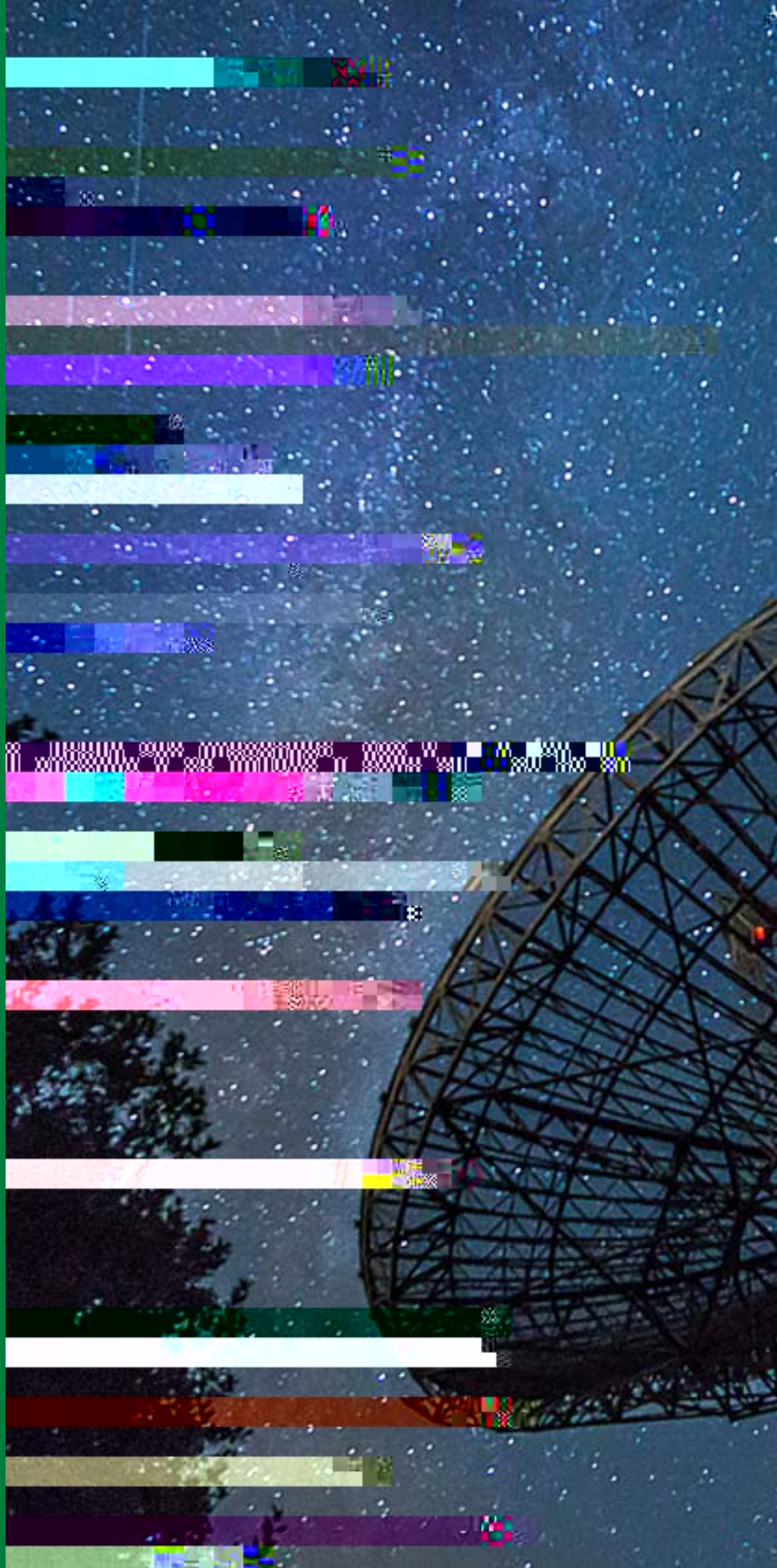
Curriculum Newsletter

YEAR 10

Contact



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Curriculum Intent



Our curriculum is designed to provide a broad and balanced education for all our pupils, ensuring that they are equipped with the knowledge, skills and attitudes needed to thrive in a rapidly changing world.

At the heart of our curriculum is the pursuit of excellence in learning, with a focus on developing the intellectual, emotional and physical capabilities of every child.

Our curriculum is delivered through a range of engaging and interactive activities, including lessons, projects, field trips and extracurricular clubs, all designed to inspire and challenge our pupils.

We are committed to providing a safe and supportive learning environment, where every child is valued and encouraged to reach their full potential.

Our curriculum is regularly reviewed and updated to ensure it remains relevant and effective, reflecting the latest research and best practice in education.

We believe that a high-quality education is essential for the success of our pupils, and we are proud to offer a curriculum that is both challenging and inspiring.

Our curriculum is designed to be inclusive and accessible to all our pupils, ensuring that every child has the opportunity to succeed.

We are committed to working in partnership with our parents and the wider community to support the learning and development of our pupils.

Our curriculum is a reflection of our values and our commitment to providing a world-class education for all our pupils.

We are proud to be part of a school that is dedicated to excellence in education and to the success of every child.

Our curriculum is a testament to our commitment to providing a high-quality education for all our pupils.

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Big Questions in Year 10 Science

- What are the limits of human life? Can we increase lifespans, repair aging bodies, and what are the potential consequences of such advancements?
- How can chemistry help us understand the world around us? From biological processes to drug development, how can we manipulate reactions to solve problems and improve our lives?
- How will physics shape the future of energy? From nuclear fusion to renewable energy sources, understanding physics is key to creating sustainable solutions for our growing energy needs.

Immerse Yourself

WPT Y10 Science Study Lounge

- ✓ Videos
- ✓ Quizzes
- ✓ Exam Practice

Educake Science Platform

- ✓ Interactive Homework
- ✓ Study Guides
- ✓ Independent Study

The WPT Science Study Lounge

help, support and opportunities to further develop their understanding of Science. Students can visit by clicking to the left and explore the

help them succeed in Science.

Students also have access to

auto-marked, and students get instant feedback. Students can

practice. They can see how they are doing on every topic and can identify areas to revise based on their progress.



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Careers

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

Science can teach you. Learning about Science in school helps develop a huge range of skills and knowledge that will be crucial to you in your working life and beyond.

Check out our 'Careers in the Curriculum' section on our website by clicking

Thinking about a Career in Science?

B will study all 3 Science subjects up to GCSE level in secondary school and have the option to study them at a higher level when you leave. The Royal Society of Chemistry detail in this short why a career in Chemistry could be right for you.

Click their logo below to watch the video and be inspired to choose Chemistry.



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 grades they can. Secondly, to teach students how each subject relates to the wider world, incorporating the life skills they will learn.

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.

THE SCIENCE WAY

WE MAKE LINKS BETWEEN BIG IDEAS IN SCIENCE

We can explain everyday things in a scientific way

We can work practically with people with different skills & knowledge

We work safely & look out for hazards

We can learn from successes & failures and adapt to do things better

WE EVALUATE EXPERIMENTAL RESULTS IN LIGHT OF THE ORIGINAL PROBLEM

We use scientific vocabulary accurately & talk like a scientist

We can identify key issues in a problem and use our scientific knowledge to tackle them

information

We always ask questions and try to figure out why

WICKERLEY PARTNERSHIP TRUST

SUBJECT WAYS

Have Your Say... ✨

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.