



Edition 6  
January  
2025

# SCIENCE

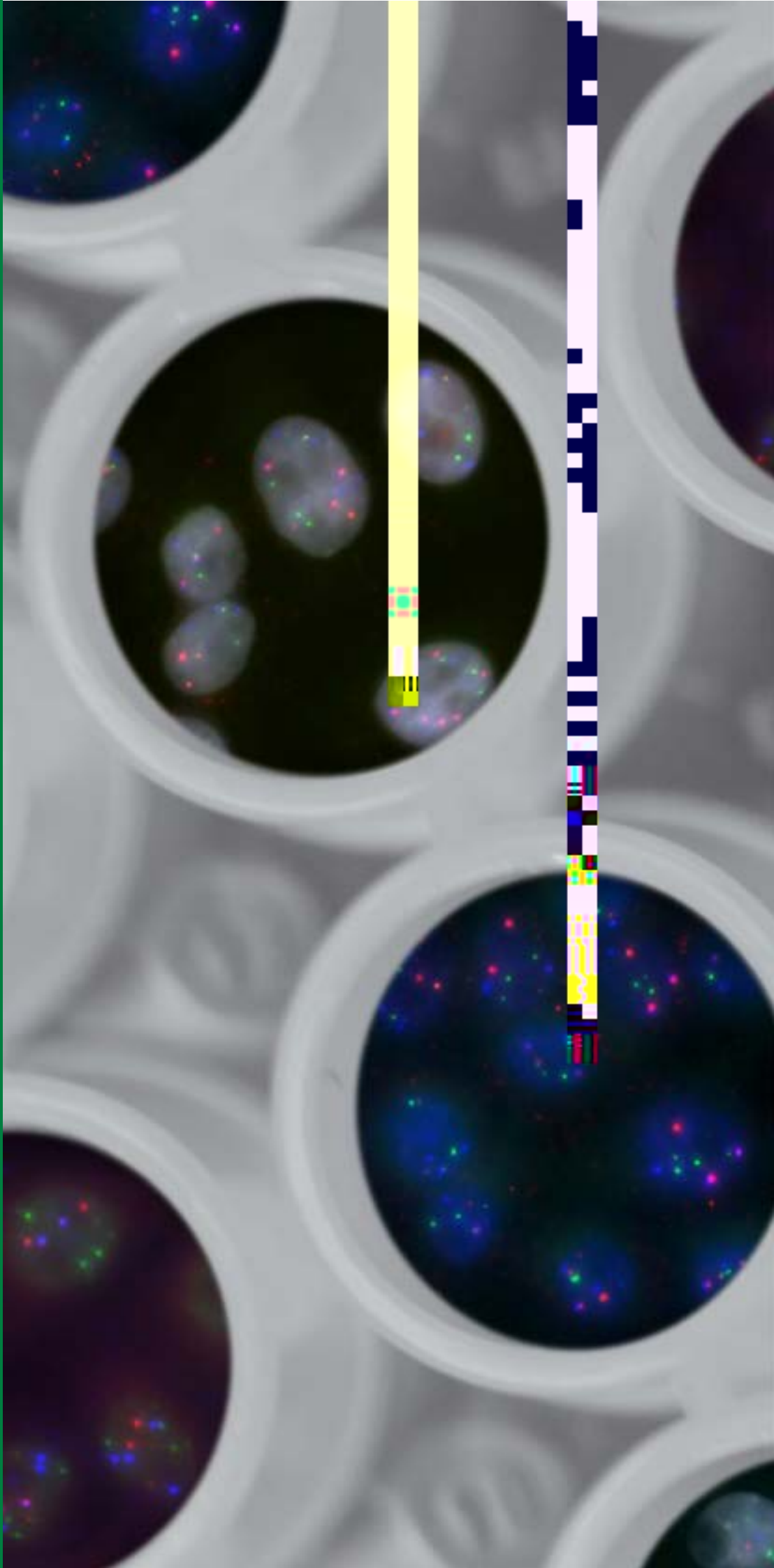
## Curriculum Newsletter

### YEAR 11

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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.



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



# 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:

**THE SCIENCE WAY**

**THE SCIENCE WAY**  
**THE SUBJECT WAY**

**WE MAKE LINKS BETWEEN BIG IDEAS IN SCIENCE**  
We can explain everyday things in a scientific way

**We work safely & look out for hazards**  
We can work practically with people with different skills & knowledge

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

**WE EVALUATE EXPERIMENTAL RESULTS IN LIGHT OF THE ORIGINAL PROBLEM**  
We can identify key issues in a problem and use our scientific knowledge to tackle them

**We use scientific vocabulary accurately & talk like a scientist**  
We can use evidence and data to support our work and obtain meaningful information

**WE ALWAYS ASK QUESTIONS AND TRY TO FIGURE OUT WHY**

**SUBJECT WAYS**

WICKERSLEY PARTNERSHIP TRUST

## 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.