



# ACCELERATING PROGRESS IN SCIENCE

Deliver focused and engaging science lessons, and transform student outcomes in GCSE Science subjects.

Provide students with a world class science education. Maximise their opportunities to learn, question, explore ideas and develop a lifelong love of Science.

*Changing Lives...*

How does the curriculum support learning and progression?

How do I effectively help students understand the maths behind the science?

There is so much content; how do I get the students to remember the key concepts?

How do I get my students to extend their answers to cover all necessary requirements for longer questions?

How can I effectively stretch my high attaining students?

## Whatever your question, we can help you solve it.

Accelerating Progress in Science will help you understand the new programme of study and teach it in way that will engage students and enable them to achieve the best possible outcomes. Through a mixture of face-to-face and virtual training sessions, videos and resources, we will show you:

- what the new programme of study looks like, how the stranded curriculum builds year on year and how to plan for progression and intervention accordingly
- how to teach and apply the mathematical aspects of Science effectively to get the best out of your students
- how to use hooks, drill questions and demonstrate tasks effectively to improve recall skills
- strategies to develop students' thinking and resilience, and to apply knowledge to unfamiliar concepts
- how to effectively challenge the most able trilogy and triple students
- how to develop questioning skills for staff in conjunction with their awareness of what exam-questions commonly ask and how to maximise the number of marks student attain
- how to maximise scientific learning from practical work.

The programme will cover the following essentials, which will enable colleagues to take practical ideas and strategies to their classrooms – immediately. Delivery will be remote via Microsoft Teams until such a time as we can switch to face-to-face training in local venues.

| Date & Time                   | Content  | Suitable for:                      | Duration |
|-------------------------------|--|------------------------------------|----------|
| 3rd Nov 2020<br>3pm-4.30pm    | <b>Introduction:</b> Introduction to the new stranded curriculum and resources to support teaching and learning.   | All                                | 90 mins  |
| 12th Jan 2021<br>3pm-4.30pm   | <b>Maths application:</b> Using methodology effectively. Ensuring a consistent approach to the application of mathematical skills.   | New<br>Targeted<br>Existing<br>All | 90 mins  |
| 2nd Feb 2021<br>3pm-4.30pm    | <b>Improving the use of recall skills:</b> Using hooks, drills, memory techniques, connect tasks and questioning effectively.  | New<br>Targeted<br>Existing<br>All | 90 mins  |
| 2nd March 2021<br>3pm-4.30pm  | <b>Stretch and challenge and facilitating students to apply knowledge to unfamiliar examples.</b> Targeted to 7+ / HT  | New<br>Targeted<br>Existing<br>All | 90 mins  |
| 20th April 2021<br>3pm-4.30pm | <b>Answering questions that require more detail:</b> Developing questioning skills and the structure of written work to ensure that students can improve their level of written response.  | New<br>Targeted<br>Existing<br>All | 90 mins  |
| 15th Jun 2021<br>3pm-4.30pm   | <b>Maximising practical application:</b> Ensuring that the time spent completing practical work is beneficial in term of scientific learning. Sharing hints and tips to improve the efficacy of practical work.<br><b>Reflections:</b> Implementation and feeding forward. | All                                | 90 mins  |

To book your place, or a place for a member of your team, please email:  
Mel Atkinson, Programme Leader at [melanie.atkinson@deltatrust.org.uk](mailto:melanie.atkinson@deltatrust.org.uk).