

TEACHER WEBINAR

A LEVEL PHYSICS SUCCESSFUL TEACHING FOR PRACTICAL BASED EXAM QUESTIONS

FOCUS

Practical work has become increasingly significant and challenging for both teachers and students since the recent change in curriculum. The endorsed practical programme has been a challenge for teachers and schools, but the students also report that the practical-based questions on the final exam are very challenging. This webinar deals with the latter issue.

PROGRAMME

Why do students find the practical questions so difficult?

- Brainstorm

TIME

4.00 - 4.05pm

What are the key difficulties?

- Activity: What do your students struggle with on the practical questions?
- Planning experiments
- Evaluating results

4.05 - 4.35pm

Effective use of practical work to develop skills

- Activity: how do you run practical sessions?
- Suggested schema for running practical sessions to maximise development of the key skills and minimise wasted time
- Separating the key skills and addressing each one effectively

4.35 - 5.00pm

How to develop exam technique for practical questions

- Overview of typical exam questions and mark schemes
- Suggested strategy for students to prepare for and tackle these types of question

5.00 - 5.15pm

Q & A

5.15 - 5.30pm

DATE

Tuesday 20 April 2021
Monday 21 June 2021

WEBINAR LEADER

Tony Dunn is a current examiner in A-level Physics for a major awarding body. He has taught for over 30 years in secondary schools and sixth form colleges, mainly in inner city areas, specialising in A-level Physics. Since the new A-level curriculum was introduced, he has had 100% pass rates with all his A-level Physics groups, whilst working at an inclusive college in a deprived borough. He was a Head of Science for 12 years and also spent several years training Physics teachers in SE Asia.

BENEFITS

- Identifying the key difficulties that students have with the practical-based questions
- Developing effective ways of using practical work to develop skills to answer the practical-based questions
- Developing a practical learning methodology that develops sustainable skills in students

WHY SHOULD YOU BOOK A TEACHER WEBINAR?

- ✓ **Get focused feedback** on the most important areas for improvement for 2021
- ✓ **Take away new approaches** to tackling specific challenging topics that take a different angle
- ✓ **Gain new techniques** for enhancing the performance of specific groups of students
- ✓ **Led by current examiners and academic experts**, giving the best possible advice
- ✓ **Interact and ask questions directly** to the examiner expert leading the webinar