



# St Edward's School

## A Level Physics

### Summer Examination Series 2022 – Advice and Guidance for Parents and Carers

#### What are the key guidance points from the Advanced Information?

There has not been any content removed from the examinations, however a list showing the major focus for each paper has been published. This indicates the topic areas, in rank order, that carry the highest mark allocation. Any topics not mentioned may still be assessed in the form of low tariff or multiple-choice questions.

Practical competencies (CPAC) still need to be submitted but the number of required practical activities that must be completed is at the school's discretion. We will ensure we are confident that students are routinely and consistently competent before submitting our recommendations.

#### What are the main adaptions to the exam?

The format of the exams remains the same and students will still need to apply their knowledge to unfamiliar contexts. Students will complete three papers to include:

**Paper 1:** 2-hour paper with 85 marks from short and long answer questions based on:

Sections 1 to 5 and 6.1 (Periodic motion)  
60 marks of short and long answer questions and 25 multiple choice questions on content.

**Paper 2:** 2-hour paper with 85 marks from short and long answer questions based on:

Sections 6.2 (Thermal Physics), 7 and 8  
Assumed knowledge from sections 1 to 6.1  
60 marks of short and long answer questions and 25 multiple choice questions on content.

**Paper 3:** 2-hour paper with 80 marks (comprise of two separate papers complete concurrently) based on:

**Section A:** Compulsory section: Practical skills and data analysis and **Section B:** Astrophysics  
45 marks of short and long answer questions on practical experiments and data analysis.  
35 marks of short and long answer questions on optional (astrophysics) topic.

#### How will we use this information?

Students have been given the guidance outlining the topics included for each paper in rank order of proportion of marks. We will be spending a large proportion of our time in lessons on exam preparation in the form of assessing application of knowledge, mathematical requirements and developing exam technique.

#### What can you do?

Students should ensure they have good working knowledge for all topics but especially the areas highlighted in the guidance. This will allow time with teachers to be as productive as possible. Students should complete past paper questions, self-assess them and seek clarification regarding questions they are still unsure about. This is the most effective methods of preparing for the exams.

#### Sources of Revision

AQA Past papers – [AQA | AS and A-level | Physics | Assessment resources](#)

Physics and maths tutor - [Physics & Maths Tutor \(physicsandmathstutor.com\)](#)

Isaac Physics - [Isaac Physics](#)