



Kenilworth School & Sixth Form

Rouncil Lane, Kenilworth, CV8 1FN • Tel: 01926 859421 • Fax: 01926 513650

Web: www.ksn.org.uk • Email: Kenilworthsixthform@ksnadmin.ksn.org.uk

Head: Mr H. H. S. Abbott B.A.(Hons.), M.Ed, NLE

Senior Deputy Head/Head of Sixth Form: Mr N. Mummyery

Aspiring to excellence

Kenilworth School & sixth form - Physics Department

Dear Parent/Guardian,

Having completed their GCSE examinations last summer students are now completing the 1st year of their A-Level Physics studies.

The information supplied here is aimed to inform both yourselves and your son/daughter of the expectations and opportunities for the year ahead; in deed what we can offer your son/daughter to ensure they maximise their potential in this subject but also inspire them to achieve a grade that they are personally proud of and allows the doors of their future education to open widely.

1. Examination structure – Summer 2019:

The grade students achieve will be solely based on the following internal exams sat at the end of this year which covers modules 1-4. This grade will inform the predicted grade for UCAS applications.

Paper 1: Breadth in Physics (H156/01) – INTERNAL EXAM

70 marks 1:30 hrs 50% weighting

Modules covered:

Module 1 – Development of practical skills in Physics

Module 2 – Foundations of Physics

Module 3 – Forces and motion

Module 4 – Electrons, waves and photons

Paper 2: Depth in Physics (H156/02) – INTERNAL EXAM

70 marks 1:30 hrs 50% weighting

Modules covered:

Module 1 – Development of practical skills in Physics

Module 2 – Foundations of Physics

Module 3 – Forces and motion

Module 4 – Electrons, waves and photons



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2. Module test structure 2018-19

In addition to the end of year exams students will be given regular tests after each module they have been taught. The results in these tests will be compared with student's target grades and if required will form the basis for intervention and extra help. The tests student's will complete are:

- Foundations of Physics
- Motion
- Forces in action
- Work, energy and power
- Materials
- Laws of motion and momentum
- Charge and current
- Energy, power and resistance
- Electrical circuits
- Waves 1
- Waves 2
- Quantum Physics
- Thermal Physics
- Stars

Useful websites to support A-Level Physics studies:

- <https://www.physicsandmathstutor.com/>
- <https://phet.colorado.edu/en/simulations/category/new>

3. Revision sessions, examination practise and the past paper schedule.

We will not be running "revision sessions" this year as we find this to be of no benefit to individual students. Instead we therefore urge students to be proactive when seeking guidance. Only they will know if they do not understand a concept, a theory, an explanation or an exam question and having realised this, students must come and seek support, guidance and consolidation from any Physics teacher on that particular aspect.

In place of revision sessions, we will be running 'Exam paper sessions' instead. Students will be informed of the topic dates in due course and they will be expected to revise a particular topic each week and then come armed with the required knowledge to practise answering exam questions on this topic during the after school session. They will also have the opportunity to have any areas they find difficult clarified or ask any additional questions.

Thank you for your support and if you do have any questions or concerns please do not hesitate to contact myself or the class teacher.

Yours Faithfully,

Mr R. Kovacs
Head of Physics