

# Summer Work: A Level Physics

To prepare you for A level Physics we want to be sure you are confident in your understanding of the important GCSE Physics concepts. This will allow you to be fully prepared for your A Level studies.

We will be asking you to complete some work on the on Isaac Physics platform. Each board contains 10 questions of increasing difficulty. We expect you to be able to complete these independently, though we are happy to give some assistance where necessary.

Use the following link to get to our Isaac Physics site.

<https://isaacphysics.org/account?authToken=2N9AK6>

If you have trouble with the link go to [www.IsaacPhysics.org](http://www.IsaacPhysics.org) , create an account and then type this code into “Teacher connections” within the “My Account” Menu.

**2N9AK6**

Each unit at A level has a set of “Pework” associated with it.

You are encouraged to work through the boards in the order below as this is the order we teach in.

Your completion of this work will be checked before the unit is started. Some of this work is in the Separate Science Physics and you may not have covered it in your course. Nonetheless, you are encouraged to attempt the work as it will help you prepare for the A Level course.

If you complete all this work over the summer, you will be in an excellent position in September. If you do not complete the work over the summer, you will be expected to complete it alongside your A level studies.

<b>Topic</b>	<b>Work to be completed</b>
Statics	1, 2, 3, 4, 13, 16
Dynamics	8, 9, 10, 11, 12, 19, 20, 21, (18)
Materials	17, 37
Electricity	22, 23, 24, 25, 26, 27
Waves	38, 42, Waves Quiz A and B
Thermal Physics	30, 31, 59, 60, 61 62

If you need help with this, please feel free to email either [bfoster@solihullsfc.ac.uk](mailto:bfoster@solihullsfc.ac.uk) or [rhomer@solihullsfc.ac.uk](mailto:rhomer@solihullsfc.ac.uk)