

## A level Physics

A very warm welcome to A level Physics – We really hope that you will enjoy your time with us, and we are keen to support you in your studies

The Physics Department at WGGS

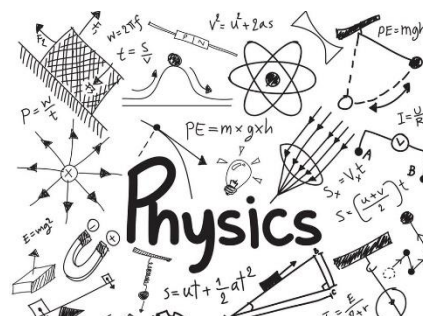
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Mrs M Chrysofaki

Mrs C Wilshaw



If you have any questions about the course please do contact Mrs Haines, Miss Smith or Mrs Kanwal and we will try to help.

There is no requirement to do loads of preparation before starting the A level course, but it would be sensible to make sure that you have a really good understanding of the GCSE topics.

We do have electronic copies of the first-year textbooks. These are on the WGGS shared area:

**Shared Documents – Departments – Physics – \_A level – A level Physics textbooks, answers & syllabus.**

(Unfortunately, they are too large to send as an email attachment.)

There are also some **key preparation fact sheets** on some of the first-year topics. If you would like these please email Mrs Haines and she will send them to you.

We study the Edexcel A level/AS Physics specification

### Link to Edexcel Specification

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/physics-2015.html>

The websites below have lots of challenging GCSE questions that you could try – they will help you step up from GCSE to A level and give you the opportunity to practise your problem-solving skills.

### Websites

Isaac Physics: Start with GCSE Physics – you could move on to A level

<https://isaacphysics.org/gcse>

GCSE BPhO: GCSE – Intermediate Challenge Papers

<https://www.bpho.org.uk/past-papers/physics-challenge-gcse>

The links below are to some transition to A level books – there is no obligation to purchase them.

### **Kindle Books**

CGP Head Start to A Level

[https://www.amazon.co.uk/Head-Start-level-Physics-Level-ebook/dp/B00VE2NII4/ref=msx\\_wsirn\\_v1\\_6/259-0922743-4799544?encoding=UTF8&pd\\_rd\\_i=B00VE2NII4&pd\\_rd\\_r=0b9dbecd-8c91-43ed-8cb7-95c3137282ef&pd\\_rd\\_w=XxLER&pd\\_rd\\_wg=adPAb&pf\\_rd\\_p=2c73497e-0658-4f6d-8f3c-06c50c0881ec&pf\\_rd\\_r=XM9XCBYH1TH593V5E0S9&psc=1&refRID=XM9XCBYH1TH593V5E0S9](https://www.amazon.co.uk/Head-Start-level-Physics-Level-ebook/dp/B00VE2NII4/ref=msx_wsirn_v1_6/259-0922743-4799544?encoding=UTF8&pd_rd_i=B00VE2NII4&pd_rd_r=0b9dbecd-8c91-43ed-8cb7-95c3137282ef&pd_rd_w=XxLER&pd_rd_wg=adPAb&pf_rd_p=2c73497e-0658-4f6d-8f3c-06c50c0881ec&pf_rd_r=XM9XCBYH1TH593V5E0S9&psc=1&refRID=XM9XCBYH1TH593V5E0S9)

Prepare for the challenge of A level Physics (free as a kindle book)

[https://www.amazon.co.uk/gp/product/B0851MGFWZ/ref=as\\_li\\_qf\\_asin\\_il\\_tl?ie=UTF8&tag=gorillaphys06-21&creative=6738&linkCode=as2&creativeASIN=B0851MGFWZ&linkId=da683336f706916f0618812965d27980](https://www.amazon.co.uk/gp/product/B0851MGFWZ/ref=as_li_qf_asin_il_tl?ie=UTF8&tag=gorillaphys06-21&creative=6738&linkCode=as2&creativeASIN=B0851MGFWZ&linkId=da683336f706916f0618812965d27980)

Finally, the following links are to various transition from GCSE to A level resources – again there is no need to work through any of these. If you decide you would like to, may we suggest that you pick the one you like the look of and work through that.

### **Various Transition Packs**

Oxford University Press transition pack:

[http://fdslive.oup.com/www.oup.com/oxed/secondary/science/Science\\_A\\_Level\\_Transition\\_Pack\\_Physics.pdf](http://fdslive.oup.com/www.oup.com/oxed/secondary/science/Science_A_Level_Transition_Pack_Physics.pdf)

PIXL Transition pack:

[https://drive.google.com/open?id=1vI2doobF-Mc7d\\_yMR-ED8j2YY0LzXFKV](https://drive.google.com/open?id=1vI2doobF-Mc7d_yMR-ED8j2YY0LzXFKV)

Physics Transition Workbook

<https://drive.google.com/open?id=1imydFOC7beMR-9cYiyDfFBowQoUHExal>

PIXL Gateway Physics

<https://drive.google.com/open?id=1MjhEFDrnfgZxSCQALKUMStEPOCSIn9Xn>

Open University Press Science skills pack

[https://fdslive.oup.com/www.oup.com/oxed/secondary/science/Science\\_A\\_Level\\_skills\\_pack.pdf?region=uk](https://fdslive.oup.com/www.oup.com/oxed/secondary/science/Science_A_Level_skills_pack.pdf?region=uk)