

**6th form Transition work****Subject: Physics**

Exam Board: OCR A

Instructions for transition work

There are two transition packs attached.

The first is the PIXL transition pack for Physicists. The pack contains questions that will remind you of key physical and mathematical concepts that will be essential in the A-Level course. You should complete the questions by yourself (if you need to revise some topics as you go that's fine!) and then at the end of the pack there is solutions. The pack also contains some recommendations for books and movies that have a link to physics – although not compulsory to watch or read, they might remind you why you chose to take the leap and study physics!

The second focusses mostly on the maths skills you need to be comfortable with for this course. Again, the booklet is designed to walk you through each topic, challenge you with practice questions, and then contains answers for self-marking.

There is also some recommended reading listed on this document (separate to the PIXL pack) that I suggest you look at. The book can be downloaded for free from Amazon and again it covers all of the essential concepts for the next two years.

I have also suggested an IsaacPhysics chapter that has been designed specifically for the transition between GCSE and A-Level. Those familiar with the site will know why I chose it – you have the ability here to revisit topics from GCSE and also can have a go at some A-Level style questions. The website then marks your answers and provides immediate feedback.

Transition work that must be completed prior to starting the course:

PIXL Transition pack:

https://drive.google.com/open?id=1vI2doobF-Mc7d_yMR-ED8j2YY0LzXFKV

Maths-based transition pack:

See attached.



Suggested further reading and resources that would be useful to look at prior to starting the course in September:

CGP Headstart to A Level (free as a kindle book)

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

Isaac Physics:

<https://isaacphysics.org/alevel>

Physics Online youtube videos – useful for recapping GCSE topics or getting a head-start on the A-Level course:

https://www.youtube.com/channel/UCZzatyx-xC-DI_VVUVHYDYw