

Deyes High School Remote Learning

Engage, Enable and Empower



DEYES
HIGH
SCHOOL
LYDIATE
LEARNING TRUST

Year 13 Physics

Work for individual students not attending school

Half Term 2: October to December

Pupils who are absent should select the lesson activity that they are up to

- Please email m.porter@deyeshigh.co.uk if you are absent for any reason. Mr Porter will let you know what work you need to complete and assist with any understanding of the topic.
 - Read through the booklet and complete the questions.
 - Refer to your textbook, websites or revision guide for more information.
 - Use the links to the YouTube videos to assist with your understanding.

| Date (week commencing) | | Focus/Topic/ Theme | Hyper link to Activity |
|------------------------|---|---------------------------|--|
| 2/11/20 - | 1 | Electromagnetism | Complete the sections in the Magnetic fields booklet by reading the information Note this section includes a required practical 'Investigation of the relationship between magnetic flux density, current and length of wire using a top pan balance' Booklet can be found using the link: https://deyes.sharepoint.com/:f:/r/sites/shadowcurriculum/Documents/Physics/Year%2013/Magnetic%20Fields?csf=1&web=1&e=iSb1ol Watch the videos to help you: https://www.youtube.com/watch?v=o0yfYtR6go https://www.youtube.com/watch?v=ZxZcnYFKUpc |
| 16/11/20 | 2 | Electromagnetic Induction | Complete the sections in the electromagnetic induction booklet by reading the information. Note this section includes a required practical 'Investigation of the effect on magnetic flux linkage of varying the angle using a search coil and oscilloscope' Booklet can be found using the link: https://deyes.sharepoint.com/:f:/r/sites/shadowcurriculum/Documents/Physics/Year%2013/Magnetic%20Fields?csf=1&web=1&e=acNHwD Watch the videos to help you: https://www.youtube.com/watch?v=OObvIrlzIbA https://www.youtube.com/watch?v=4ghP5peCft8 https://www.youtube.com/watch?v=r5q0_JSGwRE https://www.youtube.com/watch?v=SsKVA88oG-M |
| 7/12/20 | 3 | Astrophysics introduction | Update your understanding of ray diagrams by completing the section in the 'Telescopes' booklet https://deyes.sharepoint.com/:f:/r/sites/shadowcurriculum/Documents/Physics/Year%2013/Astrophysics?csf=1&web=1&e=HWBPvQ watch the video to help you: https://www.youtube.com/watch?v=ha5mBrwdQJg |
| | | Revision of topics | Use Physics and Maths Tutor to complete past paper questions https://www.physicsandmathstutor.com/physics-revision/a-level-aqa/ |