

# A Level Physics



## At Meden College

You are expected to complete independent work during any non-contact time or if there is any teacher absence.

Below are any tasks that should be completed as ongoing extended work and can be done if no work has been set by an absent teacher

### Improving your learning and skills

#### Know your practical's

Revisit previous required practical's and look over the methods, can you re-write parts of it if needed or know why certain steps are required.

#### Know and understand terminology

Create a key word glossary for each topic, this will improve you written Physics and also your verbal physics to ensure you are **speaking like a Physicist**.

#### Expand your knowledge

Read articles outside the specification using websites such as:

<https://www.iop.org/>

<https://www.newscientist.com/>

### Thinking like a Physicist

- What are the underlying mechanisms of this scientific advancement?
- What knowledge do I have that links to what I am observing?
- How does that help me to link to new learning?
- Have I structured my responses in a clear and logical manner and utilised the correct physics terminology to demonstrate my understanding?
- Are these results reliable could the experimental design be reproduced?

### Every Week

- Consolidate your learning after each lesson into a flashcard – derive equations, re-write definitions that you need to be able to recall etc
- Read the relevant text book pages and add any additional information to your notes
- Complete Up-Learn
- File Revision resources into the appropriate section of your folder
- Pre-read the next chapter in the text book

### Every Term

- RAG your knowledge within each topic
- Prioritise areas of least confidence
- Re-visit GCSE content for the upcoming topic

### Throughout the year

- Use Up-Learn Weekly
- Knowledge organisers
- Create a clear revision plan
- Know the command words and terminology for each topic
- Print off exam questions using the physicsandmathstutor link below

#### Revision Links

<https://www.physicsandmathstutor.com/physics-revision/a-level-aqa/>

<https://www.alevelphysicsonline.com/aqa>

[https://www.youtube.com/playlist?list=PLSygKZqfTjPC3hJ7nRSnnXTw3tl\\_o67dR](https://www.youtube.com/playlist?list=PLSygKZqfTjPC3hJ7nRSnnXTw3tl_o67dR)