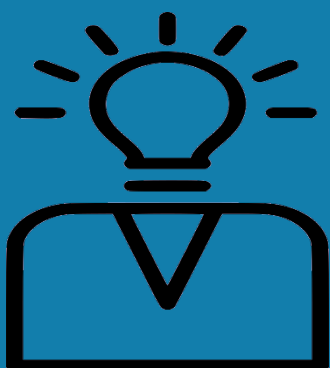


Independent Learning Guide



A2 Physics

You should be working for a minimum of **three-hours per week** per subject for independent work beyond what is set in lesson time.

Below is a list of suggested activities:

- Ensure that notes are completed and filed suitably in a folder.
- Read the relevant textbook chapter and annotate lesson notes with additional, relevant content.
- Make a list of things not fully understood and discuss with a peer or a teacher before the next lesson.
- Try to summarise the content of the lesson in note or diagrammatic format to diagnose lack of understanding.
- Attempt past paper questions to check your progress (and timed past papers given to you in class!)
- Learn all equations – what do the symbols mean, what are the units.
- Try to commit information to memory immediately, rather than leaving it until revision.
- Use Doodle/ Isaac Physics/Seneca to attempt quizzes/ practice questions to get immediate feedback on understanding.
- Match the content of the specification against lesson notes/content to ensure that all points are covered.
- Revise and review content from the beginning of the course, not just recent lessons.
- Maintain a list of learning points from reviewed/marked work and regularly review this list.
- Seek out additional questions on areas of weakness or where mistakes were made in classwork.

Resources to help you study. Specific resources will be available via Google classroom

Resource	Comment
https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/#as-level	Specification and other information
Khan Academy (https://www.khanacademy.org/)	Great for difficult concepts
A-level Physics on-line (www.alevelphysicsonline.com)	Really useful site for video explanations.
Hyperphysics (http://hyperphysics.phy-astr.gsu.edu/)	Extension opportunities
Physicsandmathstutor (http://www.physicsandmathstutor.com/)	Support, examples and questions
https://isaacphysics.org/alevel	Practice questions and examples
https://www.flippedaroundphysics.com/	Support and review questions
Check student shared area and google classroom for useful resources.	

