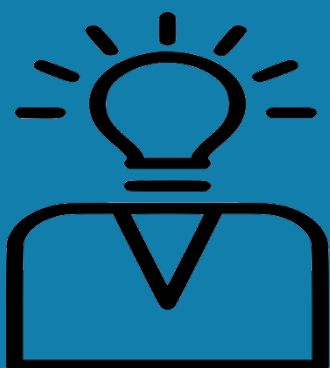


Independent Learning Guide



AS 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.
- 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.
- If you need more questions/examples/resources ASK

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.	

