

Independent learning tasks in Physics

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| <p>Read the relevant chapter in the textbook either before or after the lesson. Make a glossary of precise definitions; using the terms at the end of the Learning Plans, learn symbols, laws and derivations. Create a section of your file where you keep all your revision materials. Test yourself and each other.</p> | |
| <p>Do extra practice questions from the course text and from the booklet, WJEC question bank and Isaac Physics. It is better to use ones which have mark schemes so you can check your answer. Ask for help if you need it or attend drop in sessions where you can talk to a teacher or other students.</p> | |
| <p>Write a list of things you are given as feedback when you've had a piece of work marked, even if you've checked the answer yourself. Use the list to record your progress and refer to your table when you complete tasks and before you have a test. Pay specific attention to your subject improvement tasks, as these are tasks that highlight weaknesses.</p> | |
| <p>Use diagrams or set methods to help you with calculations. Always lay out calculations clearly so you can check your own working out.</p> | |
| <p>When you are struggling, ask for help – drop in and ask the teacher. Assess what you are good at, and what you need to improve. Know what you need help with before you arrive at drop in, be specific and clear so you can say which area you need to work on.</p> | |
| <p>Read around the subject by signing up to the BBC News emails or magazines like:</p> <ul style="list-style-type: none"> • Astronomy Now and • New Scientist (free with the school subscription). Copies of these and other journals can be found in the library. • You could also read popular science books about areas that you are studying. <p><i>This general knowledge will also help with university interviews.</i></p> | |