

Independent Scholarship Award: A Level Physics

Bronze (Must Be Completed)	Silver	
<p>1. Complete the following past papers on moodle and assess them using the markshemes provided</p> <p>2018 paper 1 and 2</p> <p>https://moodle.rainhammark.com/mod/folder/view.php?id=28922</p> <p>Combined award students it would be a good idea if you did the same paper, however we would completely understand if you did the 2018 paper 1 and paper 2 on this link instead</p> <p>https://moodle.rainhammark.com/mod/folder/view.php?id=28923</p> <p>2. Master the GCSE course using the outcome of the past papers above to focus on a few areas of relative weakness. The BBC bitesize site is useful here.</p> <p>https://www.bbc.co.uk/bitesize/examspec/zsc9rdm</p> <p>3. Complete the “introductory work” here</p> <p>https://moodle.rainhammark.com/mod/folder/view.php?id=28924&forceview=1</p>	<p>1. Complete at least one more past paper 1 and 2 as described in the bronze award. These can be found on the AQA website.</p> <p>2. Work through at least 5 of the “physics factsheets” on this moodle page.</p> <p>https://moodle.rainhammark.com/course/view.php?id=492</p> <p>(Scroll down to the bottom)</p> <p>You can choose the ones that interest you.</p> <p>We would however, recommend that you pick at least two topics that you would be familiar with from GCSE – e.g. series and parallel circuits, wave properties etc..</p> <p>The remaining ones could be regarding topics you are intrigued by – for example quantum physics and special relativity.</p>	<p>1. Read at least one of the books recommended in the “introductory work”, writing a 250 word summary of what you learned and what you found most intriguing and why.</p> <p>https://moodle.rainhammark.com/mod/folder/view.php?id=28924&forceview=1</p> <p>2. Complete the “dark matter and energy” research task by following the link here.</p> <p>https://moodle.rainhammark.com/mod/folder/view.php?id=28924&forceview=1</p> <p>You will need to work through this physics factsheet on “research and referencing” to complete this task to satisfaction.</p> <p>https://moodle.rainhammark.com/mod/folder/view.php?id=28924&forceview=1</p>