

Physics	
Teacher in charge of subject	Mrs Riding
Type of qualification	A level
Exam board and subject code	AQA 7408
Entry requirements	
Specific subject requirement	Grade 6 in GCSE Maths and Grade 5 in Physics and one other single science or two grade 5s in GCSE Dual Science (achieved on a higher tier paper)
Course details	
<p>A level Physics at Alsager Sixth Form College covers mechanics, waves, electromagnetism and field, quantum processes and includes a large variety of practical experiments. The course will be assessed by written examination and there will be a separate mark awarded for practical skills. A level Physics will give a solid basis for further study in physics, any engineering and many other sciences as well as building skills for all problem solving future careers.</p> <p>A Level Physics complements A Level Mathematics, with mechanics covered in both subjects.</p>	
Assessment	
<p>3 x 2 hour exams at end of Y13</p> <p>You will complete required practicals throughout the course. The exams will test you on these practical skills. There is no separate practical test but you will however receive a practical certificate if the teacher deems that your practical skills are good enough.</p>	
Career options	
<p>You will develop numerical, analytical, problem-solving and practical skills that are highly sought after by employers in many sectors as well as science and engineering.</p> <p>The three major employers of career physicists are academic institutions, government laboratories, and private industry, with the largest employer being the last. Many people who are trained as physicists, however, use their skills in other parts of the economy, in particular in engineering, computing, and finance.</p>	