

Why study this course?

- The GCSE in Computing will give students a real in depth understanding of how computer technology works. It offers an insight into what goes on behind the scenes of computer programming which many students find absorbing.
- In addition this course develops a range of critical thinking skills, analysis and problem solving which can be transferred to further learning and to everyday life.
- OCR have also teamed up with partners such as Raspberry Pie and Computing at School to invigorate the curriculum.

Units of study in Year 10 and Year 11

Units	OCR Computing (J275)	Assessment Method for one GCSE grade
1	Computer Systems and Programming A451	1 hour 30 mins written examination 40%
2	Practical Investigation A452	Controlled Assessment set by OCR 30%
3	Programming Project A453	Controlled Assessment set by OCR 30%

What do I need to be able to join the course?

- The course is open to students who we expect to achieve a minimum of a grade C in GCSE Maths. This is due to the technical requirements of computer programming.

How is the course assessed?

- Students will study three units.
- There is one examination totalling 40% of the final grade.
- There are two controlled assessments which make up 60% of the final grade.

What styles of teaching and learning will be used?

- A variety of teaching styles will be used to enable you to complete the units.

- You will be expected to work independently and as part of a team at times.
- You will research and learn about computing through possible visits, group work, outside speakers and internet research.

Pathways

- Students who study Computing at GCSE can go on to study ICT in the sixth form at Astley. Many have then gone on to successfully gain ICT places at university before embarking on their own careers.

For further information see your ICT teacher, Mr Jones or Mr Armstrong.