



# Computer Science A Level

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The transition from GCSE to A Level is significant, this includes:

- An increased emphasis on technical content
- An increased emphasis on independent research

## Task 1: Tell me about yourself

- Why did you choose to study A level Computer Science?
- What other courses have you chosen to study in sixth form, and what made you choose this combination?
- What are you hoping to achieve from studying Computer Science?
- How would you describe yourself as a learner at GCSE? What skills were you good at, what areas would you like to improve on?
- What are your other hobbies and interests outside of school? Anything related to computing?

## Task 2. Independent Research Task

### Emerging Computer Technology

In this task you get to investigate any area of emerging computer technology which interests you.

You can pick any area which interests you, but examples could be:

- Artificial Intelligence
- Robotics
- Automated self driving cars
- Quantum computing

In no more than ONE side of A4, summarise the area you have chosen under the following four headings:

- What is it?
- What are the possible Social, Moral, Cultural and Ethical benefits of this technology on society?
- What are the possible Social, Moral, Cultural and Ethical risks of this technology on society?
- My conclusion on this technology and what it will mean for our world 10 years from now

For additional help and support in structuring your answer you might like to watch some of the videos from the following Craig 'n' Dave playlists: OCR: SLR 17 – Ethical, moral and cultural issues  
<https://student.craigndave.org/videos/slr-17-ethical-moral-and-cultural-issues>

