

OPTIONS TALK

“Computer Science is no more about computers than astronomy is about telescopes.” - Edsger W. Dijkstra



Play the videos and think about what kinds of sectors you would like to work in when you are older

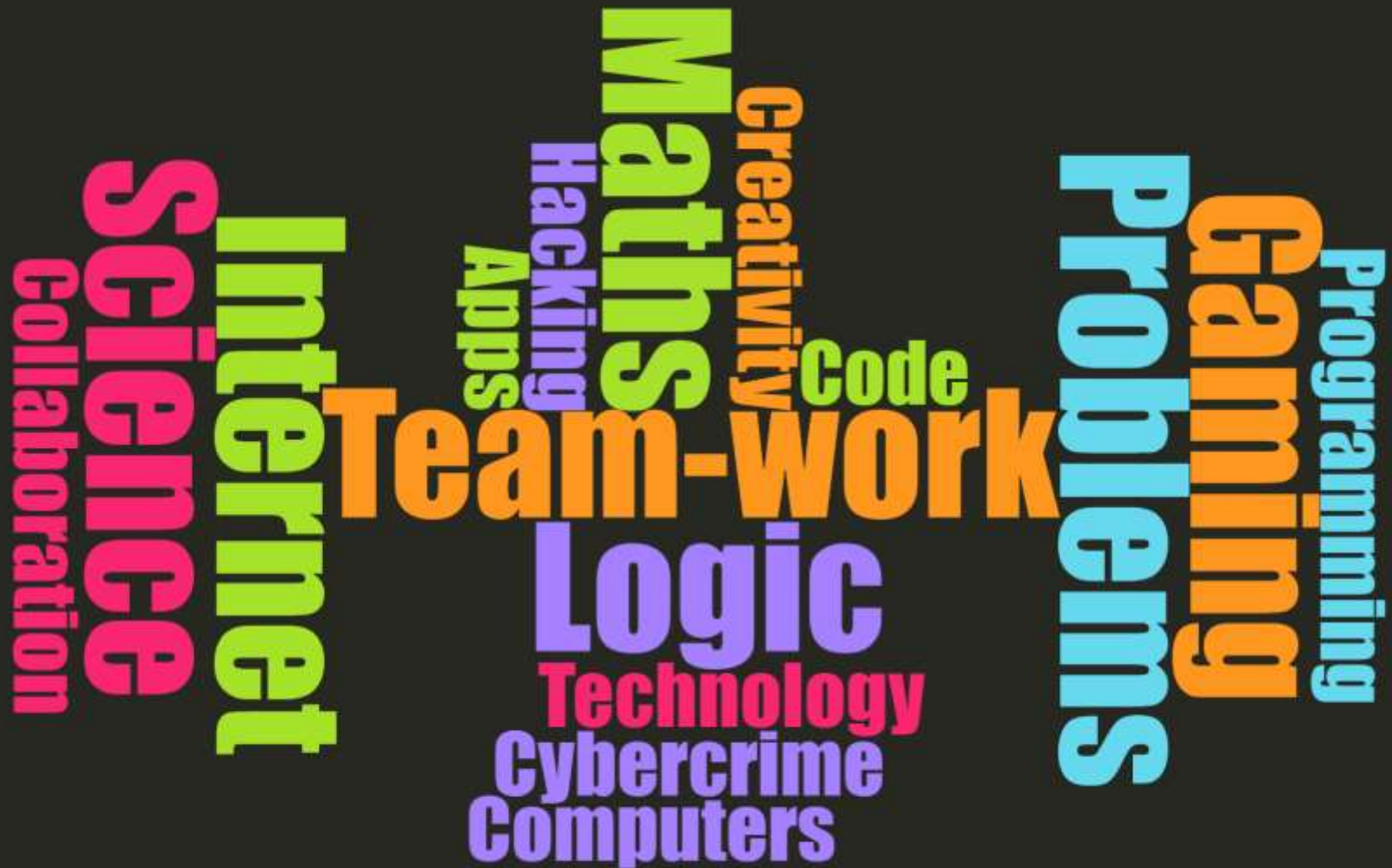


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When someone says,
“Computer Science”
what do you think of?



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Why choose Computer Science?

Technology is embedded in every aspect of our lives.

Computer Science is being used help solve many of the world's biggest problems



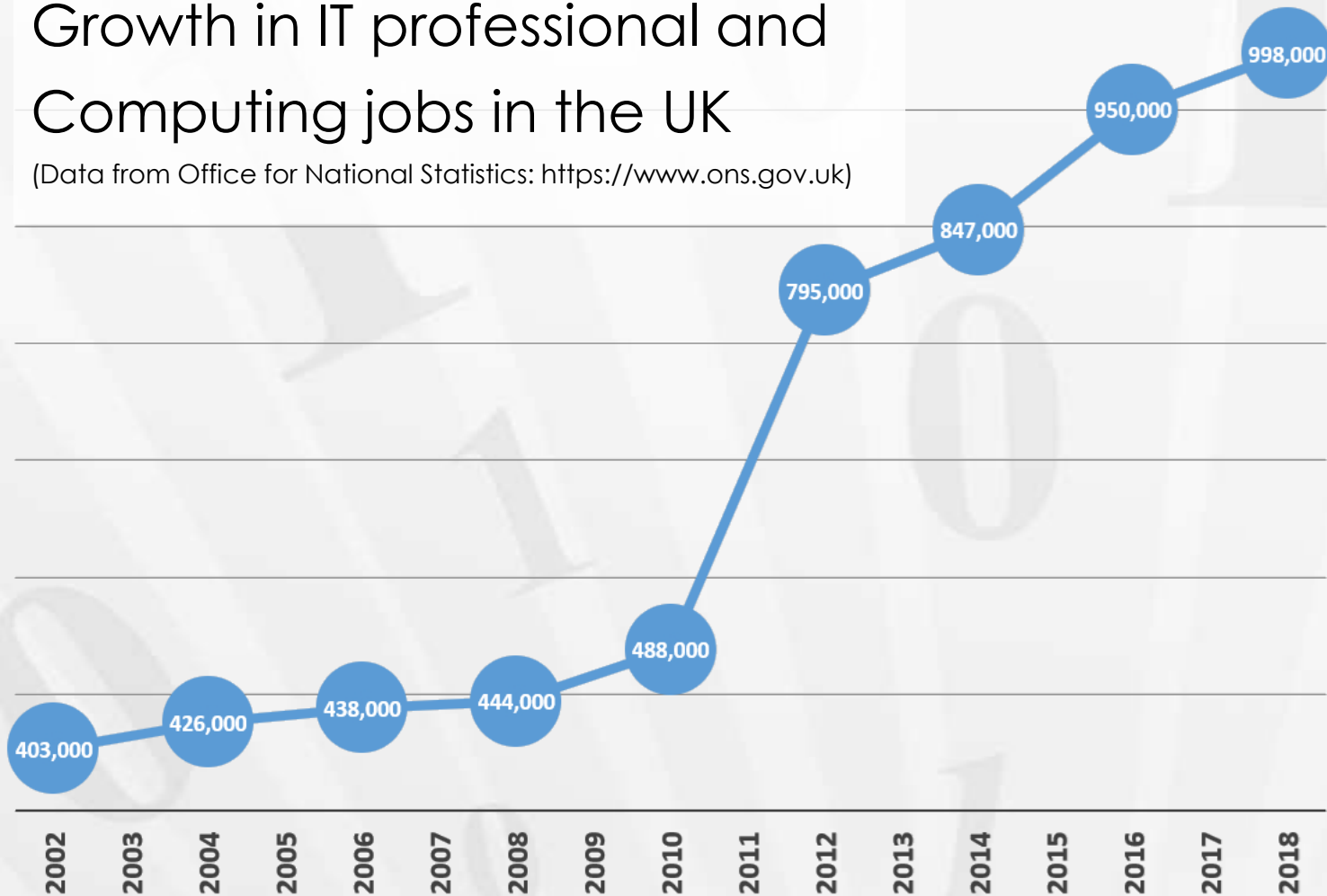
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Terrorism
Unemployment
Deforestation
Climate-change
Access-to-education
Access-to-clean-water
Safety-&-Security
Global-warming
Cyber-threats
Inequality
Poverty

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Growth in IT professional and Computing jobs in the UK

(Data from Office for National Statistics: <https://www.ons.gov.uk>)



Growth in this sector is predicted to continue to grow!

Did you know the computer games industry is bigger than the film and music industries combined?



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Skills in Computer Science can offer you an incredible wide range of jobs!

There are almost no job sectors which don't make use of skills related to:

- Information Technology
- Computer Science



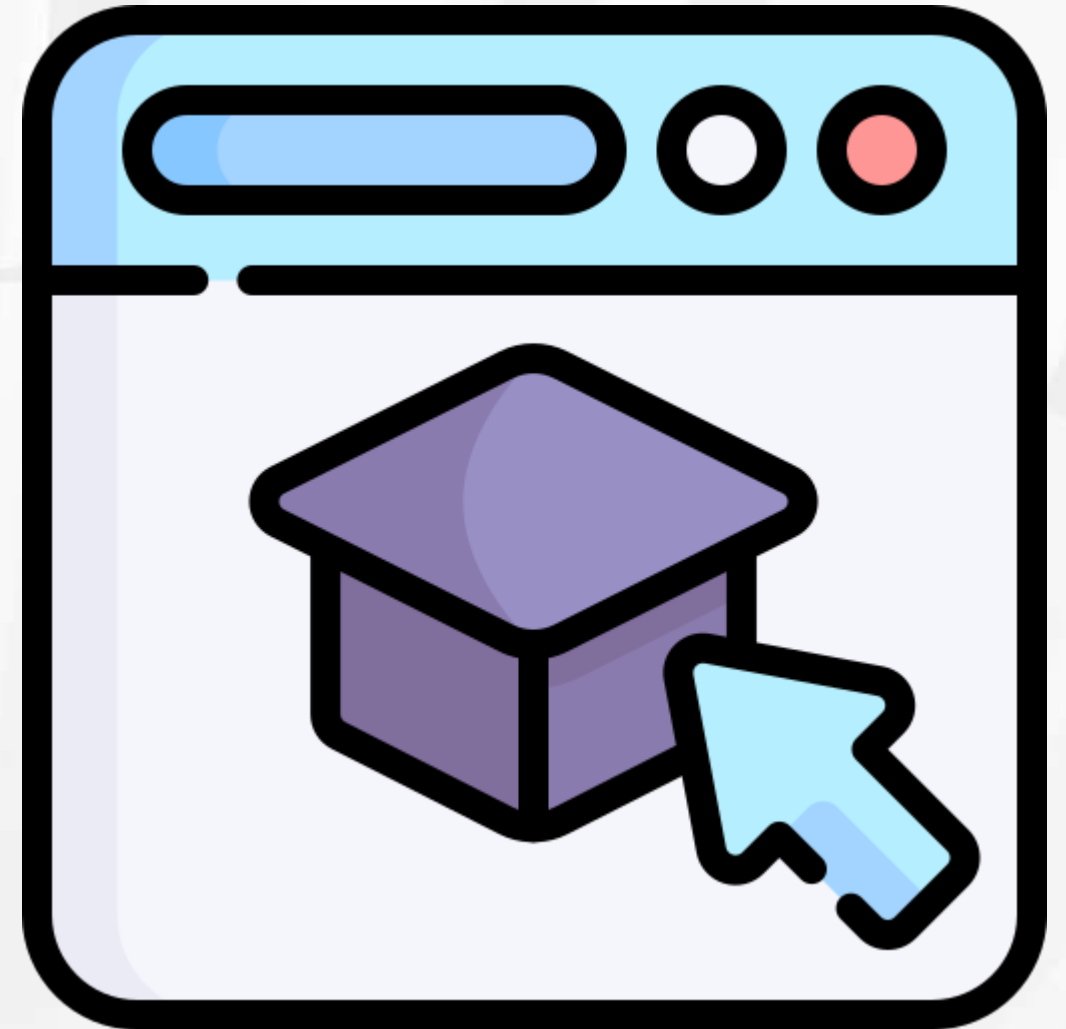
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What does the course cover?

- Internal computer components
- Cyber security
- Data representation
- Effect of digital technology on society
- Programming
- Networking and the Internet
- Software development



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OCR GCSE course structure

	Component 1: Computer systems	Component 2: Computational thinking, algorithms and programming	Practical programming experience
How is it assessed	Written exam 1 hour 30 minutes	Written exam 1 hour 30 minutes	Not formally assessed
How much is it worth	80 marks Worth 50%	80 marks Worth 50%	Not formally assessed
Other information	A mix of multiple choice, short answer, longer answer and extended response questions assessing a student's theoretical knowledge.	A mix of multiple choice, short answer and longer answer questions assessing a student's practical problem solving and computational thinking skills.	You will be provided with opportunities to design, develop and test computer programs to solve a range of problems without the pressure of it counting towards the GCSE.

GCSE (9-1)
Specification

COMPUTER SCIENCE

For first assessment in 2020
Version 1

J277



OCR GCSE J277 Specification

- Click the link below to go through the complete specification of the GCSE course
- <https://www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020/>

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Where to get more information

- Email Miss Gulshan or come and speak to me
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- Head of Department: Mrs. Banger
jacqui.banger@whptrust.org
- OCR Exam board website:
ocr.org.uk

