

Computer Science

Mrs Hadfield

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A level Computer Science OCR

- ▶ 2 examination papers
- ▶ NEA

- ▶ Distinguishing A Level
- ▶ Suitable to those that have taken GCSE Computer Science



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Paper 1

- ▶ Written exam
- ▶ 2 hours 30 minutes
- ▶ 40% of A Level
- ▶ The characteristics of contemporary processors, input, output and storage devices
- ▶ Software and software development
- ▶ Exchanging data
- ▶ Data types, data structures and algorithms
- ▶ Legal, moral, cultural and ethical issues

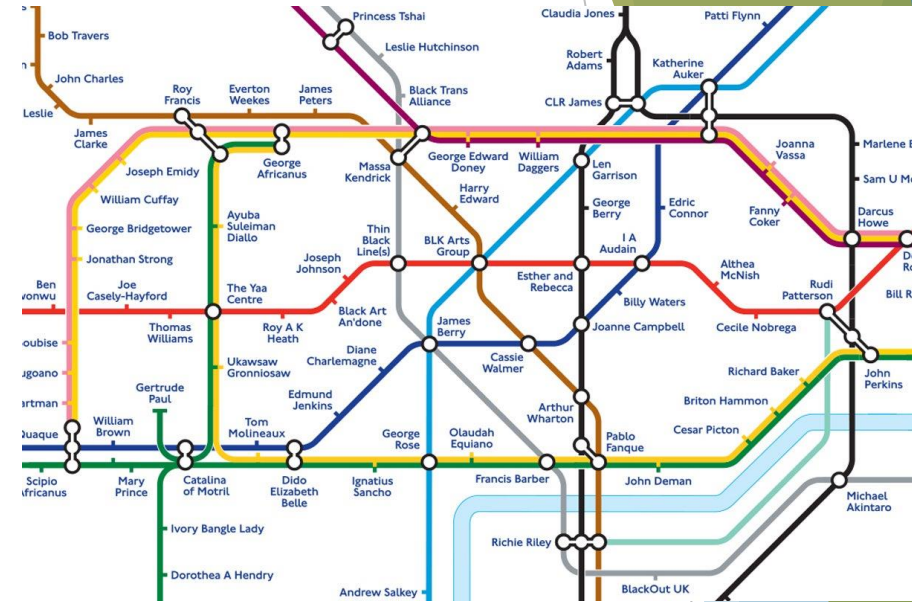


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Paper 2

- ▶ Written exam
- ▶ 2 hours 30 minutes
- ▶ 40% of A Level
- ▶ Elements of computational thinking
- ▶ Problem solving and programming
- ▶ Algorithms to solve problems and standard algorithms



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NEA

- ▶ Coursework
- ▶ Internally marked. Externally moderated
- ▶ 20% of A level
- ▶ Full SDLC
- ▶ Scope decided by student. Verified by NEA advisor
- ▶ Examples:
 - ▶ Nitrogen levels on fields
 - ▶ Maze game design
 - ▶ AI plays snake
 - ▶ Solitaire
 - ▶ Hearthstone style



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<https://www.youtube.com/playlist?list=PL4vkQSepb6WPkQ7fl0SaygJ1Qj7RKtTz5>