



# COMPUTER SCIENCE

## COMPUTER SCIENCE

In a world powered by technology, **Computer Science is the language of innovation.** Studying it at A Level opens the door to understanding how the digital world works.

You'll learn to **think logically, solve real-world problems, and create software** that can change lives. Whether you're passionate about gaming, cybersecurity, AI, or data science, this course gives you the tools to shape the future.

A level Computer Science is assessed through two written exams (Computer Systems & Algorithms) and one coursework project (Programming Project).

## Enrichment Opportunities

- Media City Manchester
- National Video Game Museum Sheffield
- Amazon Manchester
- Jaguar Land Rover Halewood
- Visit to Bletchley Park
- University of Liverpool – Girls in to Electronics



**CHILDWALL**  
SPORTS &  
SCIENCE ACADEMY

## Future Careers

- Software Engineer
- Cybersecurity Analyst
- AI Research Scientist
- Web Developer
- Machine Learning Engineer
- Game Developer

## A-LEVEL

- 2 Days in London



## Work Experience Opportunities

- University of Liverpool - Marketing & Communications Department
- Ignite Work Experience
- STEM Learning – Research & Experience Placements

## Related Higher Education Courses

- Computer Science
- Web Development
- Artificial Intelligence
- Software Engineering
- Robotics
- Cybersecurity
- Data Science

# ENGAGE, ENABLE, EMPOWER