



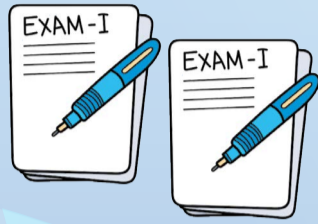
LANDAU FORTE ACADEMY AMINGTON LEARNING JOURNEY

COMPUTER SCIENCE



Continue your lifelong love of learning and personal development

- Apprenticeship
- College
- University
- Workplace



Revision in preparation for external examinations.



Ethical, Legal and Environmental Impacts Pupils explore the impact of ICT on the wider world.



POST-16 PATHWAY

2 x 90 minute examinations worth 50% each.

Revise!

Exam Technique



Visit Bletchley Park

Fundamentals of Cyber Security Pupils learn how to stay safe online.

Fundamentals of Data Representation Including number bases, conversion and binary.



Computer Systems Pupils explore the systems architecture of a computer.



YEAR 11

Fundamentals of Computer Networks Comparing different network types.

Programming Using the Python computing language.



Ethical & Legal Issues Pupils learn about ethics and the law around computing.



Cyber Crime Pupils learn about the dangers online and how to stay safe.



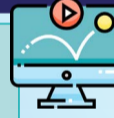
Clear Messaging in Digital Media Pupils learn about creating content and presenting it to the public.

YEAR 10

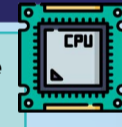
Fundamentals of Algorithms Pupils explore Decomposition, Abstraction, Flow Charts and Pseudo code.



Animation Pupils learn how to animate objects.



Computer Systems & Hardware Pupils learn about the dangers online and how to stay safe.



Binary & Logic Pupils explore binary and boolean logic.



Networks Pupils learn how computers are connection and communicate.



Spreadsheet Modelling Pupils learn the basics of spreadsheets including calculations, communicate.



YEAR 9

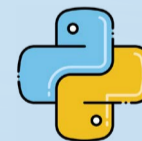


YEAR 8

Blog Writing Pupils learn how to research content to write a blog.



Introduction to Python Pupils use programming language to solve a computational problem.



Introduction to Computer Science Pupils learn to log on and navigate the System



Attend Year 6 transition days

WELCOME

YEAR 7

PRIMARY SCHOOL

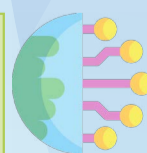
MS Office Skills Pupils receive training in the Microsoft Office software package.



Introduction to Programming Pupils use Scratch animation to learn the basics of programming.



My Digital World Pupils learn what to trust online and how to search smart.



Apply for a place at Landau Academy