Stratton School

Computer Science

Curriculum Journey 2026

Year 13

- Exchanging Data, Programming Project — 1.3, 3.3, NW, DI, ET
- Legal & Moral & Cultural & Ethical, Programming Project — 3.3, 3.4, 1.5 IT, AL, PG
- Programming Project — 3.3, 3.4 PG, ET, CM
- Targeted Revision
- Targeted Revision
- Final exams

Year 12

- Programming Project, Problem Solving — 3.2, 3.3, 3.4, 2.2 AL, PG, DD
- Algorithms — 2.3 AL
- Data Types & Structures & Algorithms — 1.4 DI, CS, AL
- Problem solving & programming, Programming Project — 2.2, 3.1, 3.2 AL, PG
- Legal & Issues, Computational thinking — 1.5, 2.1 IT, DD
- Components of the computer, Software and SW development — 1.1, 1.2 CS, DD, ET

Year 11

- Algorithms, Programming — 2.1, 2.2 AL
- Systems Software, Data Representation — 1.5, 1.2 DI, AL, PG
- Computing 25 — 1 to 9 — 1.2, 1.5, 2.4, 1.3, 1.4
- Computing 25 — 10 to 19 — 1.6, 2.2, 2.3, 2.5
- Computing 25 — 19 to 25 — 1.1, 1.5, 2.1
- Final exams

Year 10

- Computer Networks, Network Security — 1.3, 1.4 NW, SS, CS
- Algorithms, Programming, Systems Architecture — 2.1, 2.2, 1.1 AL, CS
- Ethical, Legal, Cultural and Environmental, Boolean Logic — 1.6, 2.4 IT, CS
- Data Representation — 1.2 DI, AL
- Systems Software, Practical Programming Project — 1.5, 2.2, 2.3 AL, PG
- Algorithms & Programming Fundamentals — 2.1, 2.2 AL, PG

Year 9

- Memory & Storage, Systems Architecture, Systems Software — 1.1, 1.2, 1.5 CS, AL
- Algorithms & Programming Fundamentals — 2.1, 2.2 AL, PG
- Computer Networks, Network Security — 1.3, 1.4 NW, SS, CS
- Programming Languages & Robust Programs — 2.5, 2.3 AL, PG
- Ethical, Legal, Cultural and Environmental — 1.6 IT
- Boolean Logic, Practical Programming Project — 2.4, 2.2 DD, AL, PG, CS

Year 8

- Mobile App Development — ET, DD, PG
- Media - Animations — ET, CM
- Machine Learning using the micro:bit — AL, CS, PG
- Media - Vector graphics — CM, ET
- Introduction to Python Programming — AL, PG
- Introduction to Cyber Security — SS, IT, NW

Year 7

- E-safety & Clear Messaging — ET, SS, IT
- Programming Essentials - Scratch — AL, PG
- Modelling Data using Spreadsheets — ET, DI
- Computing Systems & Data Science — PG, CS, DI, IT
- Programming Essentials - Makecode & micro:bits — AL, PG
- Using Media—Product Design — ET, CM, DI, DD

Feeder Schools

- **Transition project**
- **Year 6 curriculum**