

Year 9 Computer Science Curriculum at Sandymoor Ormiston Academy

Learners will program their own scoring game.

Recall/
Formative

Endpoint
Assessment

This unit applies and enhances the learners' programming skills in a new engaging context: physical computing, using the BBC micro:bit.

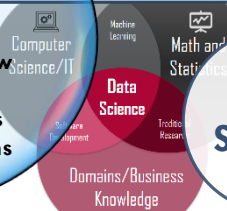
Project programming

Recall/
Formative

Physical Computing

AW3

Learners will be exposed to both global and local data sets and gain an understanding of how visualising data can help with the process of identifying patterns and trends.



Data Science

Endpoint
Assessment

Recall Year 8 content and progress into while and for loops.

Recall/
Formative

Advanced Programming

Recall Year 8 content whilst also being introduced to JavaScript.



HTML, CSS &
JAVASCRIPT

AW2

Endpoint
Assessment

Recall/
Formative

Cybersecurity

This unit takes the learners on an eye-opening journey of discovery about techniques used by cybercriminals to steal data, disrupt systems, and infiltrate networks.

Networks

Back To The Future

Learners will examine the different types of networks such as LAN and WAN.

Recall/
Formative

Learners will identify iconic computer scientists past, present and learn how their work is used in everyday life.

AW1

KS3

