

Year 8 Computer Science

Below are the topic areas covered over this academic year. Please use the resources to help improve and embed the learning you have completed in school.

Autumn Term	
Topic Area	Resources
Cyber Security Threats	Online dangers - Online safety - KS3 Computer Science Revision - BBC Bitesize
Phishing	Spam email and phishing - eSafety - KS3 ICT Revision - BBC Bitesize
Malware	Malware and security - eSafety - KS3 ICT Revision - BBC Bitesize
Binary and Denary Conversions	https://youtu.be/tNifR_nudLI https://studio.youtube.com/video/tNifR_nudLI/edit

Spring Term	
Topic Area	Resources
Python Turtle	https://www.bbc.co.uk/bitesize/guides/zwmbgk7/revision/1
Iteration	https://www.bbc.co.uk/bitesize/guides/z3khpv4/revision/1
Selection	https://www.bbc.co.uk/bitesize/guides/z2p9kqt/revision/1
Data Types	Data types - Implementation: Data types and structures - National 5 Computing Science Revision - BBC Bitesize

Summer Term	
Topic Area	Resources
Healing Tools	https://youtu.be/x38hUAbeSnI
Clipping Mask	https://youtu.be/gUVKZqT6syg
Selection Tools – Photoshop	https://youtu.be/a6XUqSabqIY
Ethics / AI Generation	https://www.bbc.co.uk/bitesize/guides/z9nk87h/revision/1