

Year 7 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
E-Safety	Online dangers - Online safety - KS3 Computer Science Revision - BBC Bitesize
How to stay safe online	How to stay safe online - Online safety - KS3 Computer Science Revision - BBC Bitesize
Abstraction	https://www.bbc.co.uk/bitesize/guides/ztrcdm/revision/1
Decomposition	What is decomposition? - Decomposition - KS3 Computer Science Revision - BBC Bitesize
Ethics / AI Generation	https://www.bbc.co.uk/bitesize/guides/z9nk87h/revision/1

Spring Term	
Topic Area	Resources
How do spreadsheets work?	How spreadsheets work - Spreadsheets - KS3 ICT Revision - BBC Bitesize
Formatting	Formatting - Spreadsheets - KS3 ICT Revision - BBC Bitesize
Formulas	Formulas and functions - Spreadsheets - KS3 ICT Revision - BBC Bitesize
Basics of Programming	What is programming? - Introduction to programming - KS3 Computer Science Revision - BBC Bitesize
Creating a Program	Creating a program from an algorithm - Introduction to programming - KS3 Computer Science Revision - BBC Bitesize

Summer Term	
Topic Area	Resources
Computer Misuse Act	Computer Misuse Act - The law and ethics - KS3 Computer Science Revision - BBC Bitesize
Copyright, Designs and Patents Act	Copyright, Designs and Patents Act - The law and ethics - KS3 Computer Science Revision - BBC Bitesize
Data Protection Act	Data Protection Act - The law and ethics - KS3 Computer Science Revision - BBC Bitesize
Healing Tools	https://youtu.be/x38hUAbeSnI
Clipping Mask	https://youtu.be/gUVKZqT6syg