

Year 9 Computing Curriculum



In year 9 Computing we will build on the skills learnt in year 7 and 8. We will build on our knowledge of SCRATCH and Python, improving our programming prowess.

Lots of the skills you learn in Computing will be used in your other subjects and in the future when you go onto work, this year will be looking and planning projects and image manipulation.

Each half term you will be given a keyword and activity sheet for your books which will show you how to secure and master your knowledge of that topic.

There will be a test each half term, some are written and some are multiple choice on the computer. All the work you do will be extended on each year.

Topic breakdown of the year

Term	Topic Title	Description
Autumn Term 1	Project Planning	Online Safety. How to plan a project focusing on understanding what is required, time management, and risk assessments.
Autumn Term 2	Python	Continue learning about Python, including for loops and programming challenges.
Spring Term 1	Key Skills for Work and Life	How to identify digital and technical skills and how they can be used in your future. How to use emails in a professional manner and how online banking is used.
Spring Term 2	GIMP (GNU Image Manipulation Program)	How to create and manipulate images, including superimposing images and manipulating the colour of all or part of an image.
Summer Term 1	Cryptography and revision	How to break and create codes using ciphers, while looking into the historical uses of them.
Summer Term 2	End of year test and Projects	Revision followed by the end of year test. Project work on Python, GIMP, Micro:bit or skills.