

Computing

Year 7

Computing is taught for one hour per week and will involve tasks that facilitate computational thinking and knowledge of programming. We aim to ensure students are confident and responsible users of computing technologies.

The year 7 curriculum contains opportunities for students to develop their digital literacy within the units of work and is assessed using a practical assessment and summative end of unit assessment.

Year 8

Computing is taught for two hours per week and develops their computational thinking further so students are able to develop more complex programs. They also extend their knowledge of cybersecurity issues and how they relate to the use of modern technologies.

The year 8 curriculum is assessed using a practical and summative end of unit assessment.

Year 9

In Year 9, students receive two hours per week of Computing and the focus of the year is to prepare students for making their options choices. They undertake a mixture of problem-solving and creative work. They have an opportunity to showcase their digital literacy skills as well as consolidate their computational thinking and programming skills.

The year 9 curriculum contains opportunities for students to develop their digital literacy within the units of work. The year 9 curriculum is assessed using a practical and summative end of unit assessment.

Computing - Oakgrove KS3 Tiers	
5	I have a thorough understanding of how computers work
	I am able to program independently and efficiently to solve a specific problem
	I have an excellent grasp of using IT tools to improve productivity
	I understand that a combination of hardware and software can be used to keep users of technology safe
4	I have a good understanding of how computers work
	I have grasped most of the programming concepts in order to solve a problem
	I have a secure working knowledge of using IT applications
	I understand that hardware or software can be used to keep users of technology safe
3	I have some understanding of how computers work
	I have grasped some programming concepts and have the ability to apply them
	I am able to use a range of applications software with confidence
	I fully understand how to protect my online identity and privacy for all the services that I use inside and outside of school
2	I have an emerging understanding of how computers work
	I have applied a variety of programming concepts
	I am able to use a range of applications software
	I can recognise inappropriate content, contact and conduct and can identify a range of ways to report any concerns
1	I can recognise key hardware and software
	I can write an algorithm to solve a problem
	I can use applications software to help me present my work
	I can use technology responsibly, recognise (un)acceptable content and I know how to report any concerns