

The Edward Worlledge Ormiston Academy Computing Curriculum

All children will be able:

Recall facts about how to use technology safely and responsibly.

Apply specific vocabulary to computer programming, including 'algorithm' and 'debug'.

Develop their own questions based on their curiosity of the subject.

Develop skills so they can create digital content using a range of computer software and use technology for a variety of purposes.

Autumn Term 1			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
3	Digital Literacy ❖ Revisited throughout the academic year	<ul style="list-style-type: none"> - I can talk about the various uses of technology - I can talk about what makes a secure password and why they are important - I can protect my personal information when I do different things online - I can report concerns to an adult - I can recognise websites and games appropriate for my age - I can make good choices about how long I should spend online - I know to ask an adult before downloading files from the internet - I am positive and kind online 	Technology Secure Private Personal Concerns Appropriate Kind
Autumn Term 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
3	Information Technology – Microsoft PowerPoint ➤ Researching online	<ul style="list-style-type: none"> - I can identify key words to use when searching safely on the World Wide Web - I can use search tools to find and use an appropriate website - I can tell you whether a resource I am using is on the internet, the school network or my own device - I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker 	Website Search tool Device Keyboard Text

		<ul style="list-style-type: none"> - I can create different effects with different technology tools - I can combine a mixture of text, graphics and sound to share my ideas and learning - I can evaluate my work and improve its effectiveness - I can save and open files on the device I use 	Font Animation effects Slideshow
Spring Term 1			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
3	Information Technology – Microsoft Excel	<ul style="list-style-type: none"> - I can talk about the different ways data can be organised - I can collect data to help me answer a question - I can make and save a chart or graph using the data I collect - I can search a readymade data table to answer questions 	Data Bar chart Pie chart Line graph
Spring Term 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
3	Digital Literacy	<ul style="list-style-type: none"> - I can talk about the various uses of technology - I can tell you ways to communicate with others online and begin to identify their benefits - I can compose and send an email to a friend - I can check my own inbox for emails - I can open an email and reply appropriately - I can attach an image to an email 	Communicate Compose Email Inbox Attach
Summer Term 1 & 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
3	Computer Science	<ul style="list-style-type: none"> - I can break an open-ended problem up into smaller parts - I can put programming commands into a sequence to achieve a specific outcome - I keep testing my program and can recognise when I need to debug it 	Instructions Algorithm Programming

		<ul style="list-style-type: none">- I can use repeat commands- I can describe the algorithm I will need for a simple task- I can detect a problem in an algorithm which could result in unsuccessful programming	<p>Predict</p> <p>Debug</p>
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