

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
4	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 talk about the ways I can protect myself and my friends from harm online - I can use the safety features of websites as well as reporting concerns to an adult - I know that anything I share online can be seen by others - I choose websites, apps and games that are appropriate for my age - I can help my friends make good choices about the time they spend online - I can talk about why I need to ask a trusted adult before downloading files and games from the internet - I am positive and respectful online 	Technology Secure Private Personal Harm Concerns Appropriate Respectful
Autumn Term 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
4	Information Technology – Microsoft Word ➤ Researching online	<ul style="list-style-type: none"> - I can identify key words to use when searching safely on the World Wide Web - I think about the reliability of information I find on the World Wide Web 	Website Search tool

		<ul style="list-style-type: none"> - I can create a hyperlink to a resource on the World Wide Web - I can tell you whether a resource I am using is on the internet, the school network or my own device - I can use a keyboard confidently and make use of a spellchecker to write and review my work - I can change the appearance of text to increase its effectiveness - I can create, modify and present documents for a particular purpose - I can confidently save and open files on the device I use 	<ul style="list-style-type: none"> Hyperlink Device Keyboard Text Font
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Spring Term 1

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
4	Information Technology – Microsoft PowerPoint	<ul style="list-style-type: none"> - I can use a keyboard confidently - I can change the appearance of text to increase its effectiveness - I can use photos, video and sound to create an atmosphere when presenting to different audiences - I can confidently save and open files on the device I use - I can use an appropriate tool to share my work and collaborate online 	

Spring Term 2

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
4	Digital Literacy	<ul style="list-style-type: none"> - I can talk about the various uses of technology - I can discuss and evaluate ways to communicate with others online - I can compose and send an email to multiple friends - I can edit the formatting of text within my emails - I can check my own inbox for emails - I can open an email and reply appropriately I can forward an email to another person 	<ul style="list-style-type: none"> Communicate Compose Email Inbox Forward Attach

		- I can attach an image to an email	
Summer Term 1 & 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
4	Computer Science	<ul style="list-style-type: none"> - I can use logical thinking to solve an open-ended problem by breaking it up into smaller parts - I can use an efficient procedure to simplify a program - I know that I need to keep testing my program while I am putting it together - I can use a variety of tools to create a program - I can recognise an error in a program and debug it - I recognise that an algorithm will help me to sequence more complex programs - I recognise that using algorithms will also help solve problems in other learning such as Maths, Science and Design and Technology 	<ul style="list-style-type: none"> Instructions Algorithm Programming Efficient Predict Debug