

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
2	Digital Literacy ❖ Revisited throughout the academic year	<ul style="list-style-type: none"> - I can tell you why I use technology in the classroom - I can tell you why I use technology in my home and community - I can explain why I need to keep my password and personal information private - I can describe the things that happen online that I must tell an adult about - I can talk about why it is important to be kind and polite online and in real life - I know that not everyone is who they say they are on the internet 	Technology Private Personal Kind
Autumn Term 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
2	Information Technology – Microsoft Word ➤ Researching online	<ul style="list-style-type: none"> - I can use technology to collect information, including text and photos - I am starting to understand that people have created the information I use online - I can sort different kinds of information and present it to others - I can use the keyboard on my device to add, delete and space text for others to read - I can change the font, size and colour of text - I can save and open files on the device I use 	Website Device Keyboard Text Font

Spring Term 1

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
2	Information Technology – Microsoft PowerPoint	<ul style="list-style-type: none"> - I can use technology to organise and present my ideas in different ways - I can use the keyboard on my device to add, delete and space text for others to read - I can change the font, size and colour of text - I can combine a mixture of text and photos to share my learning - I can save and open files on the device I use - I can talk about the information I have gathered 	Keyboard Text Font Slideshow

Spring Term 2

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
2	Digital Literacy	<ul style="list-style-type: none"> - I can recognise common uses of technology and tell you their benefits - I can be creative with technology - I can use a digital camera to create digital content - I can save and retrieve digital photos - I can evaluate my work and decide how to improve it - I can edit and enhance digital photos to improve their effectiveness 	Digital camera Retrieve Edit

Summer Term 1 & 2

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
2	Computer Science	<ul style="list-style-type: none"> - I can give instructions to my friend (using forward, backward and turn) and physically follow their instructions - I can tell you the order I need to do things to make something happen and talk about this as an algorithm - I can program a programmable toy or software to do a particular task - I can look at my friend's program and tell you what will happen 	Instructions Algorithm Programming Predict Debug

		<ul style="list-style-type: none">- I can use programming software to make objects move- I can watch a program execute and spot where it goes wrong so that I can debug it	
--	--	---	--