

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
1	Digital Literacy ❖ Revisited throughout the academic year	<ul style="list-style-type: none"> - I can recognise the ways we use technology in our classroom - I can recognise ways that technology is used in my home and community - I can keep my password private - I can tell you what personal information is - I can tell an adult when I see something unexpected or worrying online - I can talk about why it's important to be kind and polite - I can recognise an age appropriate website - I can agree and follow sensible e-Safety rules 	Technology Private Kind
Autumn Term 2			
Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
1	Information Technology – Microsoft Word ➤ Researching online	<ul style="list-style-type: none"> - I can use technology to collect information - I can use links to websites to find information - I can sort different kinds of information - I can use the keyboard on my device to enter text - I can save information and retrieve it again 	Website Device Keyboard

Spring Term 1

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
1	Information Technology – Paint	<ul style="list-style-type: none"> - I can be creative with technology - I can use different colours and brush tools to develop my artwork - I can create shapes and fill areas with colour - I can ‘undo’ and ‘redo’ my actions to improve my work - I can talk about whether I like my work 	

Spring Term 2

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
1	Digital Literacy	<ul style="list-style-type: none"> - I can recognise common uses of technology and begin to identify 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 with support - I can talk about whether I like my work 	Digital camera Retrieve

Summer Term 1 & 2

Year Group	Area of study	Key Knowledge / People / Events / Dates / Etc	Key Vocab
1	Computer Science	<ul style="list-style-type: none"> - I can give instructions to my friend and follow their instructions to move around - I can describe what happens when I press buttons on a programmable toy - I can press the buttons in the correct order to make my programmable toy do what I want - I can describe what actions I will need to do to make something happen and begin to use the word algorithm 	Instructions Algorithm Predict Debug

- | | | | |
|--|--|--|--|
| | | <ul style="list-style-type: none">- I can begin to predict what will happen for a short sequence of instructions- I can use the word debug when I correct mistakes when I program | |
|--|--|--|--|