



ICT Long Term Plan

Woodlands Academy

ICT Intent:

The ICT curriculum will contribute to children's personal development in creativity, independence, judgement and self-reflection. This will be seen in them being able to talk confidently about their work and sharing their work with others.

ICT is taught in discreet lessons as well as in other cross curricular linked subjects and this supports the importance and reinforcement of the key skills of ICT. Oracy is central to developing confidence in communication, therefore our curriculum looks to develop children's confidence through listening, discussion and social interaction. Through a broad, balanced and adapted curriculum we look to prepare all learners for the future, contributing to their local and wider communities, whilst developing their independence.



Subject: ICT	Accreditation: WJEC Entry Level Pathways – (EL1-3)	Pathway: Green
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LONG TERM PLAN 2024-25 & 2025-26

Learning will be reinforced through cross curricular links in different lessons including life skills, Humanities, British Values, Careers and Literacy. Similarly ICT skills will be taught in other subjects and evidence for the completion of WJEC units will be collected and collated in other lessons such as humanities, numeracy, life skills and literacy. Planning and activities are guided by the 5Cs: Confidence, Challenge, Curiosity, Character, Creativity.

		<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>KS4</u>	<u>Cycle 1</u>	ICT - E Safety Learning how to use technology safely and responsibly. Understand the need to use social media responsibly and consider what we post online	ICT - Online World Understanding the possibilities that the Internet offers us. Learning how to use online resources for research, communication and Independence	Digital Media - Use WORD and Publisher to create their own digital media and consider the purpose / audience	Digital Media - They will create and design pictures and Photoshop images to publish posters / leaflets and write reports.	Using WORD and Office Learners will use WORD to create text documents including letters, CVs and stories. This will link with subjects such as literacy / careers	Using WORD and Office Learners will use create a series of documents, save them, edit and use a range of formatting techniques
	Cultural capital	Pupils will look at a range of internet safety issues and consider the positive and negative uses of the internet – as well as the dangers it poses to them		Pupils will create digital media in lessons other than ICT, such as Literacy, Humanities etc. They will ideally get the opportunity to experience design ideas with visits or virtual visits for inspiration		Pupils will engage with creating documents for a purpose – CVs, Letters etc to apply for a job. This will reinforce the careers work in life skills lessons	
	WJEC	Unit 6404/E2 Online basics – Partial unit (to be completed in conjunction with other subjects) from WJEC and introduction to ICT and online safety		Unit 6395/E3 Desktop publishing software Partial unit (to be completed in conjunction with other subjects) from WJEC and introduction to ICT and online safety		- Unit 6391/E3 Using Word Processing Software Unit to be completed in conjunction with other subjects, such as Careers	
	<u>Cycle 2</u>	Digital Media – Pupils will use presentation software	Digital Media – Pupils will produce posters, PowerPoint	Improving Productivity - Pupils will Identify the advantages of using IT	Improving Productivity - Pupils will create digital	Online World They will explore online communities /	Online World Understanding the possibilities that the



		to research and share ideas about healthy living. They will research healthy lifestyle choices before sharing their ideas.	slide shows and other documents. They will also present their ideas to the group and promote healthy lifestyle choices.	for tasks and critically consider advantages / disadvantages of IT	media using IT and also paper based media. They will critically assess how IT helps them to complete the tasks	networks / businesses. Benefits and issues with online communication Also Netiquette	Internet offers us. Learning how to use online resources for research, communication and Independence
	Cultural capital	Pupils will have the chance to show their presentations to others in class or in the wider school to garner feedback		Pupils will have a chance to create digital media linked to other subjects – including leaflets, presentations, posters etc.		Pupils will explore the Internet to fully understand the opportunities it can offer. They will also complete outstanding tasks for the WJEC award	
	WJEC	- Unit 6393/E3 Presentation Software		Unit 6381/E2 Improving productivity using IT		Unit 6404/E2 Online basics – There will also be consolidation for year 11 students of any uncomplete units	
		Cultural Capital: Pupils will link with other schools as a part of their work for Digital Media. They will share letters and films with other schools across the globe. Pupils will develop communication skills through online activities in lessons, sharing ideas and talking to students from our link schools.					
KS3	Cycle 1	ICT - E Safety Learning how to use technology safely and responsibly. Learn some basic rules of netiquette and Internet safety	ICT - Online World Understanding how we can use the Internet to find answers, stay in touch and be Independent	Digital Media - Learn how to use WORD / Publisher to create their own digital media and consider why they choose specific layouts / styles	Digital Media - They will use DTP to make posters and leaflets. They will use cameras to record short films to edit and share	Using Mobile IT Devices (iPads) Learners will set up and use a mobile or handheld device (iPad) securely to input and store data and to transfer data to and from another device.	Using Mobile IT Devices (iPads) Look at some of the apps available. Identify the different applications on the mobile device and what they can be used for.
	Cultural capital	Pupils will have the chance to learn about online safety through a range of mediums		Pupils will have a chance to create digital media linked to other subjects – including leaflets, presentations, posters etc.		Pupils will explore the iPads fully, to understand the opportunities they can offer.	
	Cycle 2	ICT - E Safety Learning how to use technology	Digital Media - Pupils will learn how to make	Digital Media - Pupils will learn how to edit /	ICT - Online World Understanding the	Computing - Pupils will use SCRATCH	Computing -



		safely and responsibly. Understand the need to use social media responsibly and consider what we post online	their own animations and films and use filming equipment to record their media work	produce their e safety films using editing software. They will share their work with others.	possibilities that the Internet offers us. Learning how to use online resources for research, communication and Independence	and SCRATCH Jr to create their own games and learn how to program on the laptops. They will learn how to identify bugs	Pupils will continue to work on SCRATCH, starting to create complex games They will also explore Bee Bot on the iPads (control systems)
	Cultural capital	Pupils will look at a range of internet safety issues and consider the positive and negative uses of the internet – as well as the dangers it poses to them		Pupils will create digital media in lessons other than ICT, such as Literacy, Humanities etc. They will ideally get the opportunity to experience design ideas with visits or virtual visits for inspiration		Pupils will engage with creating documents for a purpose – CVs, Letters etc to apply for a job. This will reinforce the careers work in life skills lessons	
		Cultural Capital: Pupils will link with other schools as a part of their work for Digital Media. They will share letters and films with other schools across the globe. Pupils will develop communication skills through online activities in lessons, sharing ideas and talking to students from our link schools.					
KS2	Cycle 1	ICT - E Safety Learning how to use technology safely and responsibly. Explore ICT technology and talk about health safety and online safety	ICT - Online World Exploring the Internet and using different sites / apps to learn about what the web offers us	Digital Media - They will explore iPads and laptops to create digital media independently—such as images / films etc	Digital Media - They will explore different apps on the iPads / laptops to create images / text based media and films	Digital Media - Pupils will learn how to use a range of software to produce posters, Presentations and text-based documents	Digital Media - Pupils will learn how to edit / produce work with basic formatting using Office software.
	Cultural capital	Pupils will look at a range of internet safety issues and consider the positive and negative uses of the internet – as well as the dangers it poses to them		Pupils will create digital media in lessons other than ICT, such as Literacy, Humanities etc. They will ideally get the opportunity to experience iPads and tablets first hand		Pupils will engage with creating digital media for a purpose. This will reinforce the work in life skills and other lessons	
	Cycle 2	ICT - E Safety Learning how to use technology safely and responsibly. Learn who to talk to about Internet safety	Digital Media - Pupils will work together to make their own films Learn how to use film equipment to record	Digital Media - Pupils will work together to edit / produce their e safety films. They will show their work to their	Digital Media - Pupils will learn how to use a publisher to create posters and other digital media.	Computing - Pupils will use SCRATCH Jr to create games and learn how to program on the	Computing - Pupils will continue to explore SCRATCH Jr and start to create games They will also



			themselves and each other	peers and review them collectively		iPads using simple commands of multiple steps. They will look for errors / bugs	explore Bee Bot using the iPads learning how to control
	Cultural capital	Pupils will look at a range of internet safety issues and consider the positive and negative uses of the internet – as well as the dangers it poses to them		Pupils will create digital media in lessons other than ICT, such as Literacy, Humanities etc. They will ideally get the opportunity to share their films / digital media in assemblies etc		Pupils will engage with gaming and consider how games are created and the importance of not making errors in coding	
		Cultural Capital: Pupils will link with other schools as a part of their work for Digital Media. They will share letters and films with other schools across the globe. Pupils will develop communication skills through online activities in lessons, sharing ideas and talking to students from our link schools.					



Subject: ICT	Key stage: 3	Pathway: Blue
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		<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>KS3</u>	Cycle 1	E-safety and core skills Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. Individual programming lessons (having a go at new resources for their year group/age appropriate). Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work	Digital Literacy and ICT Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	Computer science Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output use logical reasoning to explain how some simple algorithms work and to detect and correct errors in	Digital Literacy and ICT Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	Digital Literacy and ICT Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	Digital Literacy and ICT Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information



		with variables and various forms of input and output use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs		algorithms and programs			
	Cycle 2						

<u>Ideas</u>							
	Cycle 1	Internet safety display, CEOP video resources, Create a 'how to be safe online' presentation using Videolicious App. Being safe using mobile phones and multimedia devices. 2. Predicting what will happen – talking through an algorithm. Flashcards for algorithms 'getting up and going to school'	Using ICT and exploring it'. *Provide opportunities to explore (the internet). Research information on a theme (Carl Linnaeus in Science/topic links) Search for appropriate pictures – save, edit,	Alogithms, Predicting what will happen – talking through an algorithm. Flashcards for algorithms, Algorithms created for favourite pop songs, 'Jam sandwich' - clear, concise and precise, instruction 'algorithms –	*Provide opportunities to explore (the internet). How to search for information, How the searched information is sorted, How to find a specific picture, What the numbers mean on a picture (picture resolution/size).	Exploring the internet, refining searches. Coding programmes with increasing complexity (including 'if, when' statements)	Exploring the internet, refining searches. Coding programmes with increasing complexity (including 'if, when' statements).



		<p>algorithm. Algorithms created for favourite pop songs, 'Jam sandwich' - clear, concise and precise instruction 'algorithms – children given language to choose from. CEOP website. *Smart rules.</p> <p>http://www.saferinternet.org.uk/ http://www.chatdanger.com/ *Beebots Fake accounts, false information. We want children to spot unacceptable behaviour; this cannot be done without exposing them to unacceptable behaviour. They need to develop a moral compass in real life as well as online life and identities. More advanced coding applications – link with flashcards, writing out the code explicitly.</p>	<p>format them. Word process a script of what you will say in the video Create professional videos to explain and inform on a topic.</p>	<p>children given language to choose from Debugging (fixing) problems.</p> <p>Create flowcharts for favourite pop songs (algorithms), Talk through each step, predicting the behaviour of code – what effect it will have. Algorithms for simple tasks, Programme another human to do 'the time warp, make a sandwich' write algorithms on flashcards, debug and manipulate where necessary.</p>	<p>Texts boxes, Clip art, Formatting, Changing text types; fonts and sizes.</p>		
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ICT LONG TERM PLAN

Accreditation

Students follow the WJEC entry Level course in Key stage 4. This enables them to achieve qualifications at Entry level 1-3, depending upon their ability. These are standalone qualifications but can also contribute towards a broader Entry Level Award or certificate (also at Entry Level 1-3) incorporating other subjects.

It is expected that students will complete the accredited courses during ICT lesson but also build up a portfolio of evidence for the WJEC award in cross curricular linked lessons. Literacy, Humanities and Life skills will also involve a strong component of ICT and support the completion of the WJEC awards for a number of different units.

