



Intent, Implementation & Impact Document: Computing

Intent	Implementation	Impact
<ul style="list-style-type: none"> · We will teach our children the skills outlined in the National Curriculum · We want our children to grow up being familiar with technology and it's integral use in our daily lives · We will facilitate a culture of exploration and learning in technology to give our children confidence to grow up exploring new technology as it is developed · We want our children to be creators not consumers of technology · Our children will have access to a range of different technology · We will support technology use at home · Our children will understand the power of the internet for good and be educated on safe use · We want our children to be masters of technology so that they can use it to support other areas of their learning · Our children will understand computing vocabulary · All children will have equal opportunities to develop their computing skills, including our children with SEND and EAL. 	<ul style="list-style-type: none"> • Computing skills will be taught through discrete computing sessions and then practised and embedded throughout all areas of the curriculum • Opportunities to use technology will be threaded through other sessions, such as in English to develop vocabulary and storytelling • All children will have access to laptops and iPads on a regular basis • Staff will have regular CPD opportunities to develop their own computing competency • All classes will have a Seesaw account which is used to support different curriculum areas • Children will be taught how to use Seesaw and it's use will be monitored by class teachers and subject lead • There will be information available on our website for parents about the benefits of technology, including recommended apps/learning sites • Staff will have regular CPD around e-safety and key messages will be sent to parents • Staff will use consistent vocabulary and a list is attached to this document • Subject lead to monitor the curriculum coverage and impact • Staff will highlight and consider SEND and EAL children in their planning and sessions; making alternate provision if required. 	<ul style="list-style-type: none"> • Children will understand how technology benefits their lives • Children will be excited to use a range of technology and create their own content • All children will have a can do attitude to technology • Children will be able to use technology, including the internet, to find new information to support the wider curriculum • Children will be able to record and share their learning in other curriculum areas through use of technology, including Seesaw • Children will understand how to keep themselves and others safe online and be able to confidently articulate this • All staff will be confident to teach and talk about online safety with children and parents • Our children will use the computing vocabulary used in sessions and listed on this overview • All children will have been given the opportunity to develop their computing skills and this will be evidenced through discussion with class teachers and monitoring sessions



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Area	ELG/Curriculum outcome	KS1 Key Skills	Year 1	Year 2
PSED	<ul style="list-style-type: none"> I can show kindness and respect for others when using technology. I can respect iPads/laptops with careful use 	Computer Science	<ul style="list-style-type: none"> I can investigate imaginary and virtual worlds and explore options I can understand what algorithms are I can create a simple program 	<ul style="list-style-type: none"> I can plan and give instructions to make things happen in imaginary and virtual worlds I can understand how algorithms are used to program digital devices I can create and debug simple programs
All	<ul style="list-style-type: none"> I can use apps to share my ideas, stories and creations 	Digital Literacy	<ul style="list-style-type: none"> I can begin to use technology to share my ideas including text, images and sound I know that technology can be used to find the answers to questions 	<ul style="list-style-type: none"> I can use technology purposefully to share my ideas including text, images and sound I can use technology to find the answers to questions
Characteristics of Effective Learning	<ul style="list-style-type: none"> I can use technology with support to explore and find out about things I am interested in 	Information Technology	<ul style="list-style-type: none"> I understand that work can be saved and retrieved 	<ul style="list-style-type: none"> I can save and retrieve work to my own folder I can recognise where Information Technology is used in the outside world
		E-Safety	<ul style="list-style-type: none"> I can keep myself safe when using the internet by following instructions 	<ul style="list-style-type: none"> I know how to keep myself safe when using the internet, and what to do if I am unsure