Poulner
Infant School and Nursery

Poulner Vision for Computing

We believe Computing is a crucial part of children's learning, as technology is now essential to navigating our present world and innovating for the future. We follow the Teach Computing scheme of work for computing as a robust and rigorously sequenced curriculum that breaks learning into small, sequential steps that become progressively more complex and challenging over time. Through our Computing curriculum, we aim to give our children the skills and confidence to collaborate, create and challenge themselves in the ever changing digital world.

Poulner Values	Creativity	Challenge	Collaboration

Intent	Implementation	Impact
• Enjoyment of computing • Use of computational thinking, challenge and creativity • Equip children to understand and change the world • Key knowledge about how computers/systems work, designed and are programmed • High level of technical language • Understanding of computational systems of all kinds Opportunities to collaborate with peers to create digital content programming/understanding how digital systems work Information technology – systems to store, retrieve and send information Evaluate content, use technology safely, with respect and understanding of how to keep safe in the digital world	Across the curriculum and through discrete lessons • Access to hardware: beebots, ipads, cameras, voice recorders • Taught in every learning unit – often with a focused link • Cross-curricular links motivate pupils and supports making connections • Balanced teaching of computer science, information technology, digital literacy • Explore and respond to key issues linked to e-safety e.g. digital communication, cyberbullying, online safety, security, social media	• Fun, engaging, high-quality education • Confident and creative users of technology • Able to challenge themselves to accomplish a wide-range of goals • Knowledge of the implications of technology and digital systems • Technologies and trends rapidly evolving – skills for life • Learners who understand how collaboration can develop creativity innovation • Use of presentation, creative tools and critical thinking • Building blocks that enable pursuit of wide range of interests and vocations in the next stage of life .

 I will be resilient and not be scared to make mistakes. I will stay focussed on my learning, even if it gets tricky. I will persevere, even if it isn't what I thought it would be after my first attempt.	 I will reflect, make changes and try again. I will ask questions to help me to improve or make changes. I will challenge myself to evaluate my work and make amendments.	 I will find a strategy that best helps me solve a problem. I will look for possibilities to enhance my creativity and deepen my knowledge.	 I will listen to opinions. I will work collaboratively to reach the best outcome for all. I will support those around me.	 I will show respect to my peers by listening. I will be kind and helpful to those around me. I will share my ideas to support my peers.