



Computing at New Hartley First School

Intent Statement:

To raise the profile and understanding of the Computing curriculum and how it impacts the wider curriculum. To give pupils the means to develop progressive skills in computational thinking, digital literacy and understand the role computing plays in everyday life.

Early Years links to Computing					
Nursery 3-4 year old		Reception		End of Reception assessment ELG	
PSED <ul style="list-style-type: none">Remember rules without needing an adult to remind them. Physical Development <ul style="list-style-type: none">Match their developing physical skills to tasks and activities in the setting. Understanding the World <ul style="list-style-type: none">Explore how things work.		PSED <ul style="list-style-type: none">Show resilience and perseverance in the face of a challenge.Know and talk about the different factors that support their overall health and wellbeing:<ul style="list-style-type: none">- sensible amounts of ‘screen time’. Physical Development <ul style="list-style-type: none">Develop their small motor skills so that they can use a range of tools competently, safely and confidently. Expressive Arts and Design <ul style="list-style-type: none">Explore, use and refine a variety of artistic effects to express their ideas and feelings.		PSED - Managing Self <ul style="list-style-type: none">Be confident to try new activities and show independence, resilience and perseverance in the face of challenge.Explain the reasons for rules, know right from wrong and try to behave accordingly. Expressive Arts and Design - Creating with Materials <ul style="list-style-type: none">Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	
Computing in EYFS at New Hartley					
Autumn What technology do we have at home? What technology do we have at school? How does it work? Buttons, wind up Using ipads - apps		Spring What technology do we have at home? What technology do we have at school? How does it work? Buttons, wind up Using ipads - apps		Summer Chrome books - Summer?	
Digital Literacy		Digital Literacy		Digital Literacy	
Digiducks Big Decision	Digiducks Famous Friend	Smartie the Penguin	Smartie the Penguin Story B	Recap Digiducks big decision School policy - Zip it, Block it, Flag it	New Hartley ESafety rules - reinforce and know

Computing in Year 1 to Year 4 at New Hartley

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Technology Around Us	Digital Painting	Digital Writing	Grouping Data	Making a Robot	Introduction to Animation
Year 2	IT Around Us	Digital Photography	Making Music	Pictograms	Algorithms	Introduction to Quizzes
Year 3	Connecting Computers	Stop Frame Animation	Desktop Publishing	Branching Databases	Sequence in Music	Events and Actions
Year 4	The Internet	Audio Editing	Photo Editing	Data Logging	Repetition in Shapes	Repetition in Games