

# Hardwick Green Primary Academy

## Computing Curriculum Overview

	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2
<b>Year 1</b>	E-safety: Using the internet safely.	Digital Literacy: Typing training.	Coding with Tynker JR	E-safety: the internet safely	Digital Literacy: Using a computer/device.		Digital Literacy: bug hunters		Digital Literacy: Potty painters		Coding: Scratch Jnr - introduction and fundamentals
<b>Year 2</b>	E-safety: Staying safe on the internet – Jessie and Friends.		Digital Literacy: Using search. Typing training.		Coding: Scratch Jnr - introduction and fundamentals	E-safety: Appropriate behaviour online.	Digital Literacy - using a computer. What is the Internet.	Digital Literacy: Introduction to photo editing.	E-safety: Staying safe on the internet.	Digital Literacy: taking and using photos	Coding: Scratch Jnr - introduction and fundamentals
<b>Topic related activities throughout the year.</b>											
<b>Year 3</b>	E-safety: Google Share with care		Digital Literacy: Computer Networks	Digital Literacy: Email	E-safety: Trust	Digital Literacy: Social media and evaluating search results	Coding: Animations – Tynker or Code Spark Academy		Coding: Loops, debugging and events.	Coding: If statements. HTML App Coding	
<b>Topic related activities throughout the year.</b>											
<b>Year 4</b>	E-safety: Google Don't fall for fake		Digital Literacy: Research and develop a topic		Word processing PowerPoint	Photo Editing - Editing functions	Coding: Algorithms -Tynker		Digital Literacy: Stop motion animation	Coding: Conditions, Functions and App design	
<b>Topic related activities throughout the year.</b>											
<b>Year 5</b>	E-safety: Google Secure your secrets	Digital Literacy: Plan an event using shared documents	Digital Literacy: Spreadsheets		E-safety: Cyberbullying	Coding: Swift Playgrounds – Commands, Debugging	Coding: Conditional Code, While loops and Logic.		Digital Literacy: Animation through varied apps and websites	Digital Literacy: Website creation. SharePoint	Coding: Algorithms. Game creation
<b>Topic related activities throughout the year.</b>											
<b>Year 6</b>	E-safety: Google It's cool to be kind Interland's Kind Kingdom		Digital Literacy: 3D modelling using Google Sketchup.	Computer Networks: Search Algorithms	E-safety: Why is Social Media Free? Fake News in real life.	Coding: Use variables, coding with variables	Coding: Use of types and initialisation in code, parameters and problem-solving skills		Digital Literacy: ChildNet video competition	Coding: The use of Arrays in coding, visualise data and coding concepts	