



**Godfrey Ermen Primary School  
Lesson overviews Year 4**



Autumn	Spring	Summer
<b>Computing systems and networks: Collaborative learning</b>	<b>Y4 Programming 2: Computational thinking</b>	<b>Creating media: Website design</b>
L1: Team work- using 'Teams' children work collaboratively L2: Sharing a document- children to contribute to someone else's work. L3: Microsoft forms 1- creating a digital survey L4: Microsoft forms 2- sharing a survey L5: Shared spreadsheets- children to analyse data	L1: What is computational thinking? L2: Decomposition L3: Abstraction and pattern recognition. L4: Algorithm design <b>Challenge</b> L5: applying computational thinking to solve a problem	L1: getting to know Microsoft Sway To explore the features of Microsoft Sway. L2: Book review webpage To plan content for a collaborative webpage. L3: adding features To create an engaging webpage. L4: planning my website To plan and create a website. L5: creating my website To create and evaluate a website.
<b>Y3 Scratch Y4 Programming 1: Further coding with scratch</b>	<b>Technola Robotics</b>	<b>Data handling: Investigating weather</b>
L5: Robot bop- to write an algorithm, explain purpose, decompose and code a program L1/2 Scratch reminder what do the blocks do L3: introduction to variables L4: making a variable <b>Challenge</b> L5: Times table project		L1: What's the weather? Log data in a spreadsheet L3: Extreme weather (just to find out how we can predict the weather) L4: Satellites and forecasts How are forecasts made? Challenge L5: Presenting forecasts plan a weather forecast

