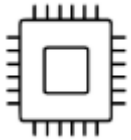
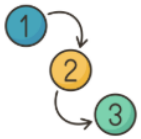
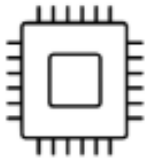
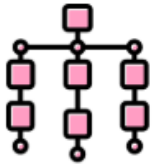
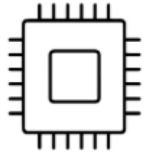
Computing at West Green

Computing is an important part of our learning at West Green both as a discrete subject and as a tool to support learning in other areas. The school uses the *Purple Mash* scheme of work which provides a thorough and enjoyable coverage of the National Curriculum's three strands: computer science, information technology and digital literacy. Lessons are fully inclusive and cater for the diverse needs of all pupils.

Our commitment as a school is to enable all children to be confident in the use of technology and aware of how it can enrich lives while, at the same time, being responsible, considerate and safe digital citizens. Indeed, alongside the main units, discrete lessons focus on keeping safe online and how to ask for help if needed.

Autumn 1					
Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
					
Introduction to Purple Mash	Coding	Coding	Coding	Coding	Coding
Autumn 2					
					
Data Explorers	Making Music Spreadsheets	Route Planners	Micro:bit	Quizzing	Spreadsheets
Spring 1					
					
Creating and Following Instructions	Questioning Presenting Ideas	Spreadsheets	Intro to AI	Spreadsheets & Data Bases	Data Detectives

Spring 2					
					
Coding	Creating Pictures	Touch Typing	Logo	Game Creator	3D Modelling
Summer 1					
					
Making Beats	Route Explores	Micro:bit	Animation	Word Processing	Introduction to Python
Summer 2					
					
Technology All Around Us	The Internet	Branching Databases Presenting Ideas	Composing Beats & Sound Stories	Micro:bit	Graphing

In addition to the units above, all year groups cover 4 additional units across the year which focus on digital literacy – staying safe online:
-Education for a connected world.
-Self- image and identity.
-Online bullying (Y6-Online reputation).
-Online relationships (Y4&Y6 – Managing online information).