



West Wycombe School

An Academy of the Great Learners Trust

Computing Long Term Plan Years EYFS - 6

EYFS

Autumn	Spring	Summer
Computing systems and networks: Using a computer Programming: All about instructions	Computing systems and networks: Exploring hardware Programming: Bee-Bots	Data Handling: Introduction to data

Year 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computing systems: Improving mouse skills	Programming: Algorithms unplugged	Data handling: Introduction to data	Skills showcase: Rocket to the moon	Programming: Bee-Bots	Creating Media: Digital imagery

Year 2

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computing system and networks: What is a computer?	Programming: Algorithms and debugging	Computing system and networks: short cuts and keyboards	Programming: Scratch junior	Creating media: Stop motion	Data handling: International space station

Year 3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Programming: Scratch	Computing systems: networks	Computing systems: Emails	Computer systems: journey inside a computer- inputs and outputs	Data handling: comparison cards and data base (filtering information)	Creating media: Video trailers

Year 4

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Skills showcase: HTML	Programming: Further coding with Scratch	Data handling: Investigating weather	Programming: Computational thinking (algorithms)	Computer systems and networks: Sharing and editing documents	Creating media: Website design



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Year 5					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computing systems and networks: Search engines	Computing media: Stop motion animation	Programming: Music	Programming: micro bit	Data handling: Mars Rover and data	Skills showcase: Collecting and sending data with the Mars Rover
Year 6					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computing systems and networks: Bletchley Park	Programming: Into to Python	Data Handling: Barcodes and QR codes	Creating Media: History of computers	Data Handling: How can data be used to build buildings?	Skills showcase: Inventing a product