



Half Term 1

Date	Unit Name – 7.1 Getting started
WB 6 th September	Logging on
WB 13 th September	Baseline assessment File management, cloud computing and VLEs
WB 20 th September	The internet and digital wellbeing
WB 27 th September	Vector graphics
WB 4 th October	Bitmap graphics
WB 11 th October	Impossible photographs

Half Term 2

WB 1 st November	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.2 Introducing spreadsheets
WB 8 th November	Formulae, replication and referencing
WB 15 th November	Functions using SUM, AVERAGE, MAX and MIN
WB 22 nd November	Boolean operators and the IF and COUNT functions
WB 29 th November	Formatting, graphs and charts
WB 6 th December	Modelling
WB 13 th December	Theme park challenge

Half Term 3

WB Tues 4 th Jan	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.3 Computing – past, present and future
WB 10 th January	The history of word processing
WB 17 th January	Designing a leaflet
WB 24 th January	Moore's Law
WB 31 st January	The history of computing
WB 7 th February	Learning to present

Half Term 4

WB 21 st February	The future of computing
WB 28 th February	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.4 Programming in Scratch
WB 7 th March	Introduction to the Scratch environment
WB 14 th March	Sequencing
WB 21 st March	Using variables
WB 28 th March	Selection

Half Term 5

WB Tues 19 th April	Selection and logical operators
WB 25 th April	Iteration
WB 2 nd May	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.5 Computing Components
WB 9 th May	Computer hardware
WB 16 th May	Measuring computer performance
WB 23 rd May	Computer peripherals

Half Term 6

WB 6 th June	Storage devices and media
WB 13 th June	The internet of Things part 1
WB 20 th June	The internet of Things part 1
WB 27 th June	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 8.1 Advanced Spreadsheets
WB 4 th July	Drop-down lists, VLOOKIP and sorting data
WB 11 th July	Check boxes
WB 18 th July	End of Year Review



Half Term 1

Date	Unit Name – 7.2 Introducing spreadsheets
WB 6 th September	Introduction
WB 13 th September	Functions using SUM, AVERAGE, MAX and MIN
WB 20 th September	Boolean operators and the IF and COUNT functions
WB 27 th September	Formatting, graphs and charts
WB 4 th October	Modelling
WB 11 th October	Theme park challenges

Half Term 2

WB 1 st November	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.3 Computing – past, present and future
WB 8 th November	The history of word processing
WB 15 th November	Designing a leaflet
WB 22 nd November	Moore's Law
WB 29 th November	The history of computing
WB 6 th December	Learning to present
WB 13 th December	The future of computing

Half Term 3

WB Tues 4 th Jan	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.4 Programming in Scratch
WB 10 th January	Introduction to the Scratch environment
WB 17 th January	Sequencing
WB 24 th January	Using variables
WB 31 st January	Selection
WB 7 th February	Selection and logical operators

Half Term 4

WB 21 st February	Iteration
WB 28 th February	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.5 Computing Components
WB 7 th March	Computer hardware
WB 14 th March	Measuring computer performance
WB 21 st March	Computer peripherals
WB 28 th March	Storage device and media

Half Term 5

WB Tues 19 th April	The internet of Things part 1
WB 25 th April	The internet of Things part 1
WB 2 nd May	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.6 Programming in Python: Sequence
WB 9 th May	Computer programs
WB 16 th May	Getting data from the user
WB 23 rd May	Data types

Half Term 6

WB 6 th June	Placeholders and lists
WB 13 th June	Working with lists
WB 20 th June	Working with strings
WB 27 th June	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 8.2 Algorithms
WB 4 th July	Using computational thinking to solve problems
WB 11 th July	Pattern Recognition
WB 18 th July	End of Year Review



Half Term 1

Date	Unit Name – 7.4 Programming in Scratch
WB 6 th September	Introduction Lesson
WB 13 th September	Sequencing
WB 20 th September	Using variables
WB 27 th September	Selection
WB 4 th October	Selection and logical operators
WB 11 th October	Iteration

Half Term 2

WB 1 st November	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 7.5 Computing Components
WB 8 th November	Computer hardware
WB 15 th November	Measuring computer performance
WB 22 nd November	Computer peripherals
WB 29 th November	Storage device and media
WB 6 th December	The internet of things part 1
WB 13 th December	The internet of things part 2

Half Term 3

WB Tues 4 th Jan	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 8.2 Algorithms
WB 10 th January	Using computational thinking to solve problems
WB 17 th January	Pattern recognition
WB 24 th January	Using flow diagrams to solve computational problems
WB 31 st January	Cholera in Soho
WB 7 th February	Malaria in Kitanga

Half Term 4

WB 21 st February	Meet the potato heads
WB 28 th February	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – Internet safety, cyber security, and encryption
WB 7 th March	Digital footprint
WB 14 th March	Passwords and phishing
WB 21 st March	Malware
WB 28 th March	Encryption

Half Term 5

WB Tues 19 th April	Automating encryption
WB 25 th April	Keeping yourself safe online
WB 2 nd May	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 8.5 Binary and computer logic
WB 9 th May	Logic gates
WB 16 th May	Introducing binary
WB 23 rd May	Creating an app

Half Term 6

WB 6 th June	Testing and reviewing an app
WB 13 th June	Representing text
WB 20 th June	Representing images
WB 27 th June	Feedback, D.I.R.T and Pupil Voice
Date	Unit Name – 9.2 Networking and the internet
WB 4 th July	IP addressing and switches
WB 11 th July	Domain names and DNS
WB 18 th July	End of Year Review