



Long Term Computing Curriculum – Year A/B Cycle

KS1

Year A

Autumn	Computing systems and networks – Technology around us Creating media – Digital painting
Spring	Programming A – Moving a robot Data and Information – Grouping data
Summer	Creating media – Digital writing Programming A – Robot algorithms

Year B

Autumn	Computing systems and networks – IT around us Creating media – Digital photography
Spring	Programming B – Programming animations Data and Information – Pictograms
Summer	Creating media – Digital music Programming B – Programming quizzes

With the exception of Programming, units can be taught in any order within the cycle to fit with other learning.



Long Term Computing Curriculum – Year A/B Cycle

KS2

Year A

Term	Year 3/4	Year 5/6
Autumn	Computing systems and networks – The Internet Creating media – Audio production	Computing systems and networks – Communication and collaboration Creating media – Web page creation
Spring	Programming A – Repetition in shapes Data and Information – Data logging	Programming A – Variables in games Data and Information – Introduction to spreadsheets
Summer	Creating media – Photo editing Programming B – Repetition in games	Creating media – 3D modelling Programming B – Sensing movement

With the exception of Programming, units can be taught in any order within the cycle to fit with other learning.



Long Term Computing Curriculum – Year A/B Cycle

Year B

Term	Year <u>3/4</u>	Year <u>5/6</u>
Autumn	Computing systems and networks – Connecting Computers Creating media – Stop-frame animation	Computing systems and networks – Systems and searching Creating media – Video production
Spring	Programming A – Sequencing Sounds Data and Information – Branching Databases	Programming A – Selection in physical computing Data and Information – Flat-file databases
Summer	Creating media – Desktop publishing Programming B – Events and actions programs	Creating media – Introduction to vector graphics Programming B – Selection in quizzes

With the exception of Programming, units can be taught in any order within the cycle to fit with other learning.