



*All units are from **National Centre for Computing Education (Teach Computing)**

KS1

Cycle A			Cycle B		
Autumn 1	Spring 1	Summer 1	Autumn 1	Spring 1	Summer 1
Computing systems and networks (1) Technology around us	Programming A – moving a robot (1)	Creating media – Digital music (2)	Computing systems and networks IT around us. (2)	Robot algorithms (2)	Creating media – digital writing (1)
Autumn 2	Spring 2	Summer 2	Autumn 2	Spring 2	Summer 2
Creating media, digital photography (2)	Data and information (2) pictograms	Programming B – Programming animations (1)	Creating media – Digital painting. (1)	Data and information – Grouping Data (1)	Programming B – programming quizzes

Year 3/4

Cycle A			Cycle B		
Autumn 1	Spring 1	Summer 1	Autumn 1	Spring 1	Summer 1
Computing systems and networks - Connecting Computers (3)	Programming A - Sequencing sounds (3)	Computing systems and networks - The Internet (4)	Data and information - Branching Databases (3)	Data and information – Data Logging (4)	Programming B – Repetition in games (4)
Autumn 2	Spring 2	Summer 2	Autumn 2	Spring 2	Summer 2
Creating media - Stop-frame animation (3)	Programming B - Events and actions in programs (3)	Creating media - Audio production (4)	Creating media - Desktop publishing (3)	Programming A – Repetition in shapes (4)	Creating media - Photo editing (4)

Year 5/6

Cycle A			Cycle B		
Autumn 1	Spring 1	Summer 1	Autumn 1	Spring 1	Summer 1
Computing systems and networks - systems and searches (5)	Data and information – Introduction to spreadsheets (6)	Programming A – Selection in physical computing (5) (Tynker)	Programming A - Variables in Games (6)	Computing systems and networks - Communication and collaboration (6)	Creating media - Video production (5)
Autumn 2	Spring 2	Summer 2	Autumn 2	Spring 2	Summer 2
Programming B - Selection in quizzes (Scratch) (5)	Creating media - 3D Modelling (6)	Creating media – Introduction to vector graphics (5)	Data and information – Flat-file databases (5)	Creating media - Web page creation (6)	Programming B – Sensing movement (Microbits) (6)

**National Centre for Computing Education is also known as 'Teach Computing'.*

***This is used across the Federation for Computing.*