Gilberdyke Primary Curriculum
Long term plan: Computing

CYCLE A	Autumn A	Autumn B	Spring 1	Spring 2	Summer 1	Summer 2
KS1	• Basic online safety (4 weeks) • Inserting images onto posters • (3 weeks)	• Inserting images onto posters (2 weeks) • Unplugged algorithms (5 weeks)	• Beebots - algorithms (6 weeks)	• Leaflet – different font sizes and colours • E-safety – keeping safe online	• Scratch junior – algorithms and debugging (6 weeks)	• Google slides – font sizes and colours (5 weeks) • E-safety – keeping safe online (2 weeks)
LKS2	• Word document (4 weeks) • E-safety – stay safe while communicating (3 weeks)	• Website navigation and evaluation (3 weeks) • Scratch junior – design and debug programmes (4 weeks)	• Unplugged learning (sequence, repetition and variables in programmes (4 weeks) • E-safety – cyber bullying (1 week)	• E-safety – cyber bullying • Unplugged learning - sequence, repetition and variables in programmes (4 weeks)	• Powerpoint – present information using different font sizes, colours and images (3 weeks) • E-safety – staying safe online (4 weeks)	• Sphero – detecting a problem with algorithms (6 weeks)
UKS2	• Poster – include different font size, colour, images and tables to communicate meaning for a given audience (4 weeks) • E-safety – understand how to set passwords and high privacy (3 weeks)	• Scratch – use variables within a programme (6 weeks)	• E-safety – begin to understand digital footprint (3 weeks) • Sphero – debugging and detecting problems (3 weeks)	• Creating e-books (5 weeks)	• Create a movie using i-movie (5 weeks) • E-safety – different types of passwords (2 weeks)	• Spreadsheets and databases to collect and record data (6 weeks)

CYCLE B	Autumn A	Autumn B	Spring 1	Spring 2	Summer 1	Summer 2
KS1	• Computer systems and networks – IT around us (5 weeks) • E-safety (2 weeks)	• Digital photography (5 weeks) • E-safety (2 weeks)	• Robot algorithms (6 weeks)	• Pictograms (4 weeks) • E-safety – personal information and keeping it safe	• Making music (5 weeks)	• Introduction to quizzes (6 weeks)
LKS2	• E-safety – be internet sharp and alert (3 weeks) • The Internet (3 weeks)	• Audio editing (6 weeks)	• Repetition in shapes – Programming (5 weeks)	• E-safety (3 weeks) • Data logging (3 weeks)	• Photo editing (5 weeks)	• E-safety (3 weeks) • Repetition in games – Programming (4 weeks)
UKS2	• Sharing information (5 weeks) • E-safety (2 weeks)	• Video editing (6 weeks)	• E-safety – don't fall for fake (2 weeks) • Selection and physical computing (4 weeks)	• Flat file databases (6 weeks)	• E-safety – creating strong passwords (3 weeks) • Vector drawing (4 weeks)	• Selection in quizzes (6 weeks)