

Armathwaite School

Computing Long term plan

Year A	Autumn	Spring	Summer
N, R, 1	Online safety & responsible use. Technology in everyday life.	Explore simple digital tools. (Creating digital media - pictures)	Algorithms (following instructions)
2, 3	What's an algorithm? Real-life instructions / simple digital coding	Online safety & responsible use. Manipulating digital images.	IT Skills - use of software programmes for presentations.
4, 5, 6	Digital & online safety. Using software for data handling & presenting.	Advanced coding concepts (Loops, variables etc.)	How do computers communicate? Impact of technology on society.

Year B	Autumn	Spring	Summer
N, R, 1	Online safety & responsible use. Storing and retrieving information.	Explore simple digital tools. (Creating digital media - audio)	Introduction to coding - Beebot / Scratch Junior
2, 3	Sharing & storing digital content. Digital safety including privacy & passwords.	How do search engines work? Creating programs digitally (online coding)	Computer Aided Design
4, 5, 6	Responsible digital use & online safety. (Including copyright & plagiarism)	Computer Aided Design	Create multi-media digital content. (Podcasts, films etc.)

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Year C	Autumn	Spring	Summer
4, 5, 6	Media & digital literacy including on-line safety.	AI & emerging technologies.	Applying coding skills in varied contexts. (Lego, WeDo, Crumble etc.)