

Year 1

Autumn	Spring	Summer
Technology around us	Moving a robot	Digital painting

Year 2

Autumn	Spring	Summer
Digital photography	Robot algorithms- Focus on Scratch 2026-27	IT around us

What it looks like in our school:

National curriculum strand	Topic
1.1 understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions	Moving a robot
1.2 create and debug simple programs	Moving a robot
1.3 use logical reasoning to predict the behaviour of simple programs	Moving a robot
1.4 use technology purposefully to create, organise, store, manipulate and retrieve digital content	Technology around us Digital painting
1.5 recognise common uses of information technology beyond school	Technology around us Moving a robot
1.6 use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	Technology around us Digital painting 2

Year 2

National curriculum strand	Topic
1.1 understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions	Robot
1.2 create and debug simple programs	Robot
1.3 use logical reasoning to predict the behaviour of simple programs	Robot
1.4 use technology purposefully to create, organise, store, manipulate and retrieve digital content	IT around us Robot Digital photography
1.5 recognise common uses of information technology beyond school	IT around us Digital photography
1.6 use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	IT around us Digital photography