



Computing Curriculum Road Map

Autumn 1: My Online Life:
Improve children's knowledge of the risks of their online lives and to develop skills why using online services.
Autumn 2: Animate with shapes:
Children learn the basic skills of stop frame animation and produce a simple animated movie using basic shapes

Spring: News Presenter
Children will become news reporters.
Email Me
Children will learn about online communication and sending their first email.

Summer 1: My Friend the Robot
Children will use programmable robots and explore unplugged activities and online coding games
Mini-beasts
Children will learn about gathering and presenting information.

Autumn 1: My Online Life
Improve children's knowledge of the risks of their online lives and to develop skills why using online services.
Autumn 2: Code a Story
Write a story with illustrations and turn it into an animated story.

Spring
Presentations and Typing
Children will use presentation software and develop their keyboard skills.
Maths Madness
Children will create their own QR codes and maths videos.

Summer 1: Storyland
Children will write stories and create an audiobook.
Online Buddies
Children will explore what friendship means online and learn about the do's and don'ts of communication over the internet.

Y1

Y2

Spring: Dinosaurs
Children will learn all about filming techniques and storytelling skills.
Wizard School
Children will create an ePub based around Harry Potter.

Autumn 1: My Online Life
Improve children's knowledge of the risks of their online lives and to develop skills why using online services.
Autumn 2: Minecraft Challenges
Children will be able to create simple structures using a 3D app.

Summer 1: Rainforests
Children explore rainforests through Virtual Reality apps
T-shirt Designer.
Children will learn about design, illustration, photography and managing budgets.

Spring: Programming with Robots
Children explore the history of robots and program a robot around a maze,
Keyboard Adventures
Children master the art of using a keyboard and short cuts.

Autumn 1: My Online Life:
Improve children's knowledge of the risks of their online lives and to develop skills why using online services.
Autumn 2: Online Detectives
Internet searching.

Y4

Y3

Summer 1: Real or Fake Online
Children will explore fake news.
Game Designers.
Children will learn about the career of a Game Designer. They will play games; write reviews and then design and prototype their own game.

Autumn 1: My Online life
Improve children's knowledge of the risks of their online lives and to develop skills why using online services.
Autumn 2: Being a Youtuber
Children are given the opportunity to create their own vlog, edit and then critique it.

Spring: Binary Messages
Children learn about binary code and use spreadsheets to learn basic formulas
Music composers
Children use GarageBand to create their own jingle for an app.

Summer: News reporter
Children will produce their own podcasts
Web designer
Children will learn about the history of the web, basic HTML, how to create their own graphics and how to publish their own website.

Autumn 1: My Online Life
Improve children's knowledge of the risks of their online lives and to develop skills why using online services.
Autumn 1: Quiz Show host
Create a quiz using an online tool, while developing research skills.

Y6

Spring: VR Worlds
Children will explore Virtual Reality and build their own VR world.

Summer: Coding Playground
Children will be introduced to the role of an App Developer and use text-based programming apps.
Online Safety Dilemmas.
Children will be put in scenarios which they may encounter online.

Y5