

CURRICULUM MAP - Computing

| | SKILLS PROGRESSION | AUTUMN TERM | SPRING TERM | SUMMER TERM |
|-------------|--|--|---|---|
| EARLY YEARS | Begin to understand the term debugging Begin to understand algorithms Begin to use a range of hardware | Using technology in school | Exploring computer programs | Exploring mini mash Coding - Rugged robots |
| YEAR 1 | Explain Know Work out Debug (fix) Predict | Using technology (online safety) Lego builders Animation | Pictograms Rugged robots | Spreadsheets Coding- Coding - purple mash |
| YEAR 2 | | Online safety Coding - Rugged robots | Branching databases - questioning spreadsheets | Music making Coding - purple mash |
| YEAR 3 | Apply all of the above plus: Understand importance Plan Design Identify Create Analyse | Coding - Purple mash Online safety Graphing | Coding - Inobots Touch typing Branching databases | Spreadsheets Presentations |
| YEAR 4 | | Coding - game design Music making | Animation Online safety | Coding - Inobots Spreadsheets |
| YEAR 5 | Apply all of the above plus: Impact Advantages and disadvantages Benefits and risks Review Decomposition Consider Make connections interpret | Coding - Game developer Databases Online safety | Spreadsheets Coding - Inobots | 3D design Word processing |
| YEAR 6 | | Coding - Game design Binary Online safety | Spreadsheets | Blogging Coding - Inobots |

