

# The Pathway to Becoming Successful in Computing

## Learning Journey

Digital Literacy  
Computer Science  
Information Technology



Take photographs on an iPad. Play age appropriate games using touch screens and classroom PCs.

Develop computing skills. Learn to drag and drop using a mouse. Select programmes to use and talk about what they use computers for.



-Online Safety  
-Grouping and sorting  
-Pictograms  
-Lego builders

-Maze explorers  
-Animated story books  
-Coding

Children are introduced to online safety through stories and this is shared with parents and carers

-Spreadsheets  
-Technology outside of school

Investigating technology using programmable toys.

-Digital Art  
-Storyboards  
-Infographics

-Databases  
-3D Design  
-Comic creation  
-Music creation

-Scratch  
-E-Safety  
-Typing  
-Document editing



-Making music  
-Presenting ideas



-Coding  
-Online Safety  
-Spreadsheets

-Questioning  
-Effecting Searching  
-Creating Pictures



-Scratch  
-Graphic Design

-3D Design  
-E-book creation

-Touch Typing  
-E-Safety  
-Music Creation  
-Data Handling

-Text Based programming  
-Physical Devices



-Python  
-Binary Code  
-Image Editing  
-HTML

-Data Handling  
-Video Editing  
-Animation



-Programming with Sphero  
-Computer Networks  
-E-Book Creation  
-App Design

-Web Design  
-Graphic Design  
-Computers

-Scratch  
-Virtual Reality