

**Computing Long term Plan  
2017-2018**

<b>Year Group</b>	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Reception</b>	<b>Mighty Mouse Control</b> Mouse control	<b>Let's Begin</b> Logging on	<b>Neat Navigators</b> Finding your way around the desktop	<b>Careful Creators</b> Using Painting programs effectively	<b>Software Surfers</b> Making choices about what programs to use	<b>E-Safety Follow the Leader</b> Following instructions and word processing
<b>Year 1</b>	<b>Treasure Hunters</b> Beebots and Programming	<b>Seasonal Celebrations</b> Copying and pasting pictures	<b>We are TV Chefs</b> Camera skills and algorithms (instructions)	<b>Sort it out</b> Databases	<b>Tell me a story</b> Using painting programs	<b>Wonderful Words</b> Using MS Word
<b>Year 2</b>	<b>Photo Fun</b> Photo Editing	<b>We are Programmers</b> Programming	<b>Ready to Research</b> Internet research	<b>Data Crunchers</b> Databases	<b>We are game Testers</b> Understanding how games are programmed	<b>Powerful Presentations</b> Using MS PowerPoint
<b>Year 3</b>	<b>Pull It Apart</b> How does a computer work?	<b>Water cycle Wonders</b> Animation	<b>Scratching the Surface</b> Programming	<b>Dazzling Databases</b> Databases	<b>Watch it grow</b> Animation	<b>Online collaboration</b> Connecting and working with others online
<b>Year 4</b>	<b>Wires and Webs</b> Storing info, where is it and who owns it, Hyperlinks	<b>Conquering Kodu</b> Programming	<b>Making Sense of Sensors</b> Programming sensors	<b>Grasping Graphs</b> Databases and presenting data	<b>We are Editors</b> Modifying documents and collaborating online	<b>Movie Makers</b> Photos, video and sound
<b>Year 5</b>	<b>What's Next?</b> Programing loops	<b>Multimedia Masters</b> Animation, text and sound	<b>Understanding the Internet</b> How does it work?	<b>Numbers Everywhere</b> Databases and Spreadsheets	<b>Varying Variables</b> Programming and Control	<b>Online communication</b> Creating and sharing ideas online
<b>Year 6</b>	<b>Cause and Effect</b> Programming inputs and outputs	<b>Discovering Data</b> Collecting and presenting Data	<b>Movie Makers</b> Composing music and sound to combine with a video	<b>Understanding the Internet and Email</b> Using email effectively and safely Creating Blogs	<b>Microbits</b> Programming sensors and interpreting data	<b>Photo Editing</b> Taking and enhancing photographs