# Key Stage 1 Computing Scheme of Work

KS1 NC objectives:

- Understand what algorithms are; how they are implemented as programs on digital devices and that programs execute by following precise and unambiguous instructions.

- Create and debug simple programs

- Use logical reasoning to predict the behaviour of simple programs.

- Use technology purposefully to create, organise, store, manipulate and retrieve digital content.

- Recognise common uses of information technology beyond school.

- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies.

## YEAR 1

| Computer Science | - Beebots<br>- Beebot app on iPad<br>- Roamer | I can understand what algorithms are; how they are implemented as programs on digital devices and that programs execute by following precise and unambiguous instructions.<br><br>I can create and debug simple programs<br><br>I can use logical reasoning to predict the behaviour of simple programs. |
|---|---|---|
| Digital Literacy (Creating Documents) | - Paint<br>- Microsoft word – basic skills<br><br><br>- Popplet app on iPad | I can use technology purposefully to create, organise, store, manipulate and retrieve digital content. |
| Digital Literacy (Computer Safety) | Keep it private<br>Sending E mail | I can use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies. |
| Information Technology | Logging on<br><br>Saving work | I can recognise common uses of information technology beyond school. |

Please ensure that computers/iPads are used to support your learning in the classroom where possible.

REMEMBER – Book in blank slots for the computer suite when you wish to use them. These will be cleared at 12:15 each Friday to sign up for slots for the coming week.

## YEAR 2

| Computer Science | - Roamer<br>- Scratch Jr app on iPad | I can understand what algorithms are; how they are implemented as programs on digital devices and that programs execute by following precise and unambiguous instructions.<br><br>I can create and debug simple programs<br><br>I can use logical reasoning to predict the behaviour of simple programs. |
|---|---|---|
| Digital Literacy (Creating Documents) | - Microsoft Word<br>- Microsoft PPT<br><br><br><br>- Popplet app on iPad | I can use technology purposefully to create, organise, store, manipulate and retrieve digital content. |
| Digital Literacy (Computer Safety) | Staying safe online<br><br>Follow the digital trail<br><br>Screen out the Mean<br><br>Using keywords | I can use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies. |

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|---|---|---|
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| Information Technology | Logging on<br><br>Saving work<br><br>Navigate a computer | I can recognise common uses of information technology beyond school. |

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The objectives on the right hand side link to the objectives on the computing skills grid so it should be easier for you to highlight this off.