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| **Computing Skills***Expected by End of Year 4* |
| **E-Safety** | **Programing** |
| * I can choose a secure password when I am using a website.
* I can talk about the ways I can protect myself and my friends from harm online.
* I can use the safety features of websites as well as reporting concerns to an adult.
* I know that anything I post online can be seen by others.
* I choose websites and games that are appropriate for my age.
* I can help my friends make good choices about the time they spend online.
* I can talk about why I need to ask a trusted adult before downloading files and games from the internet.
* I comment positively and respectfully online.
 | * I can use logical thinking to solve an open‐ended problem by breaking it up into smaller parts.
* I can use an efficient procedure to simplify a program.
* I can use a sensor to detect a change which can select an action within my program.
* I know that I need to keep testing my program while I am putting it together.
* I can use a variety of tools to create a program.
* I can recognise an error in a program and debug it.
* I can recognise that an algorithm will help me sequence more complex programs.
* I recognise that using algorithms will also help solve problems in other learning such as **maths, science and design technology.**

*MGL taught unit: programing BBC Microbits to create a personal product.* |
| **Handling Data** | **Multimedia**  |
| * I can organise data in different ways.
* I can collect data and identify where it could be inaccurate.
* I can plan, create and search a database to answer questions.
* I can choose the best way to present data to my friends.
* I can use a data logger to record and share my readings with my friends.

 *Suggested software: Excel / Powerpoint / Word**We are meteorologists – presenting the weather*  | * I can use photos, video and sound to create an atmosphere when presenting to different audiences.
* I am confident to explore new media to extend what I can achieve.
* I can change the appearance of text to increase its effectiveness.
* I can create, modify and present documents for a particular purpose.
* I can use a **keyboard confidently** and make use of a spellchecker to write and review my work.
* I can use an appropriate tool to share my work and collaborate online.
* I can give constructive feedback to my friends to help them improve their work and refine my own work.

*Suggested software: Word used regularly to develop typing / formatting skill.**We are musicians – producing digital music (creativity) garage band.* |
| **Technology and Our Lives** |
| * I can tell you whether a resource I am using is on the internet, the school network or my own device.
* I can identify key words to use when searching safely on the World Wide Web.
* I think about the reliability of information I read on the World Wide Web.
* I can tell you how to check who owns photos, text and clipart.
* I can create a hyperlink to a source on the World Wide Web.

 *We are co-authors*  |

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| **Computing Assessment***Expected by End of Year 4* |
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*MGL taught unit: programing BBC Microbits to create a personal product.* |
| **Below Expectation**  | **Above Expectation** | **Below Expectation** | **Above Expectation** |
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 *We are co-authors*  | **Below Expectation** | **Above Expectation** |