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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* | | | |
| **E-Safety** | | **Programing** | |
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| **Below Expectation** | **Above Expectation** | **Below Expectation** | **Above Expectation** |
| **Handling Data** | | **Multimedia** | |
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| **Below Expectation** | **Above Expectation** | **Below Expectation** | **Above Expectation** |
| **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* | | **Below Expectation** | **Above Expectation** |