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| **Computing Skills**  *Expected by End of Year 3* | |
| **E-Safety** | **Programing** |
| * I can talk about what makes a secure password and why they are important. * I can protect my personal information when I do different things online. * I can use the safety features of websites as well as reporting concerns to an adult. * I can recognise websites and games appropriate for my age. * I can make good choices about how long I spend online. * I ask an adult before downloading files and games from the internet. * I can post positive comments online. | * I can break an open‐ended problem up into smaller parts. * I can put programming commands into a sequence to achieve a specific outcome. * I keep testing my program and can recognise when I need to debug it. * I can use repeat commands. * I can describe the algorithm I will need for a simple task. * I can detect a problem in an algorithm which could result in   *MGL taught unit: programming Scratch Volcano animations.* |
| **Handling Data** | **Multimedia** |
| * I can talk about the different ways data can be organised. * I can search a ready‐made database to answer questions. * I can collect data to help me answer a question. * I can add to a database. * I can make a branching database. * I can use a data logger to monitor changes and can talk about the information collected.   *Suggested software: Excel / Powerpoint / Word*  *We are opinion pollsters – collecting and analysing data (productivity) excel* | * I can create different effects with different technology tools. * I can combine a mixture of text, graphics and sound to share my ideas and learning. * I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker. * I can evaluate my work and improve its effectiveness. * I can use an appropriate tool to share my work online.   *Suggested software: Word used regularly to develop typing / formatting skill.*  *We are presenters – videoing performance (creativity) iMovie* |
| **Technology and Our Lives** | |
| * I can save and retrieve work on the internet, the school network or my own device. * I can talk about the parts of a computer. * I can tell you ways to communicate with others online. * I can describe the World Wide Web as the part of the internet that contains websites. * I can use search tools to find and use an appropriate website. * I can think about whether I can use images that I find online in my own work.   *We are network engineers – exploring computer networks (computer networks) school network*  *We are communicators – communicating safely on the Internet (communication/collaboration) email, webcam* | |

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| **Computing Assessment**  *Expected by End of Year 3* | | | |
| **E-Safety** | | **Programing** | |
| * I can talk about what makes a secure password and why they are important. * I can protect my personal information when I do different things online. * I can use the safety features of websites as well as reporting concerns to an adult. * I can recognise websites and games appropriate for my age. * I can make good choices about how long I spend online. * I ask an adult before downloading files and games from the internet. * I can post positive comments online. | | * I can break an open‐ended problem up into smaller parts. * I can put programming commands into a sequence to achieve a specific outcome. * I keep testing my program and can recognise when I need to debug it. * I can use repeat commands. * I can describe the algorithm I will need for a simple task. * I can detect a problem in an algorithm which could result in   *MGL taught unit: programming Scratch Volcano animations.* | |
| **Below Expectation** | **Above Expectation** | **Below Expectation** | **Above Expectation** |
| **Handling Data** | | **Multimedia** | |
| * I can talk about the different ways data can be organised. * I can search a ready‐made database to answer questions. * I can collect data to help me answer a question. * I can add to a database. * I can make a branching database. * I can use a data logger to monitor changes and can talk about the information collected.   *Suggested software: Excel / Powerpoint / Word*  *We are opinion pollsters – collecting and analysing data (productivity) excel* | | * I can use technology to organise and present my ideas in different ways. * I can create different effects with different technology tools. * I can combine a mixture of text, graphics and sound to share my ideas and learning. * I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker. * I can evaluate my work and improve its effectiveness. * I can use an appropriate tool to share my work online.   *Suggested software: Word used regularly to develop typing / formatting skill.*  *We are presenters – videoing performance (creativity) iMovie* | |
| **Below Expectation** | **Above Expectation** | **Below Expectation** | **Above Expectation** |
| **Technology and Our Lives** | | | |
| * I can save and retrieve work on the internet, the school network or my own device. * I can talk about the parts of a computer. * I can tell you ways to communicate with others online. * I can describe the World Wide Web as the part of the internet that contains websites. * I can use search tools to find and use an appropriate website. * I can think about whether I can use images that I find online in my own work.   *We are network engineers – exploring computer networks (computer networks) school network*  *We are communicators – communicating safely on the Internet (communication/collaboration) email, webcam* | | | |
| **Below Expectation** | **Above Expectation** | **Below Expectation** | **Above Expectation** |