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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** |