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| **Term** | Assessment Period 1 | Assessment Period 2 | | Assessment Period 3 |
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| **Year 1** | E-safety – Where do I go for help if something upsets me online?  How can I use technology to record my ideas? – Introduction to using iPads to record ideas through taking photographs, using drawing packages and simple storyboards. | | Algorithms and simple programming  How can I use technology to collect and present my ideas? Developing skills and knowledge of using different apps to collect and present ideas. | How can I use technology to collect and present my ideas? Further developing independence at using different apps and ways to collect and present ideas. |
| **Year 2** | E-safety – How can I be safe when I am online?  How can I use technology to create, store and retrieve digital content? Using a range of apps to create digital content, such as images, storyboards, videos, animations. | | How can I use technology to create, organise, store, manipulate and retrieve content? – Developing knowledge and skills in using a range of apps.  How do I find errors in a program? – Using Bee-Bots and Scratch Jnr pupils will begin to debug programs to find errors and identify how these can be corrected. | How can I use technology to create, organise, store, manipulate and retrieve content? – Continue to develop skills and understanding of using different apps, promoting independence in choosing which app is most suited to task. Organising work and editing existing content. . |
| **Year 3** | E-safety – What does acceptable behaviour online look like?  What software can I use to achieve my goal? – Developing knowledge and understanding of different software. | How can I share information on a network?  How can programming help me to simulate real life events? | | What software can I use to achieve my goal? – Developing greater independence in using a range of software to achieve a specific goal.  How do I design, create and debug my own program? – Using coding blocks to create a program and check for errors. |
| **Year 4** | E-safety – How can people be responsible online?  How do I use and combine software to achieve my goal? – Creating digital content while developing understanding and knowledge of a range of programs. | What does it mean to decompose a program? – Understanding how programs are designed by looking at existing programs and breaking them down into smaller parts.  How are search results ranked?  How do I use and combine software to achieve my goal? – Developing greater independence at selecting and using software for a given purpose. | | How can I use and combine software to achieve my goal? – CAD design  How can I demonstrate logical reasoning? |
| **Year 5** | Introduction to cloud storage  E-safety – How do I identify age appropriate content online?  How can I use internet services to share information? | Programming - How are sequencing and repeats used in programming?  Independently select, use and combine a variety of software to design and create content for a given audience. | | How can I design and create content for a given audience by combining software?  What is meant by text based programming language? |
| **Year 6** | E-safety – How do I respond to unacceptable content, contact and conduct online? | How do I use software to collect, analyse and evaluate data? | | How can programming help me explore real world systems? |
| How do computers communicate with each other? | | |
| How can I use text based programming language to design more complex programs? | | |  |