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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 designHow can I demonstrate logical reasoning?  |
| **Year 5** | Introduction to cloud storageE-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? |  |