

Deaf Hill Computing	Autumn	Spring	Summer
Year 1	<ul style="list-style-type: none"> <li>• Understand what algorithms are; how they are implemented as programs on digital devices and that programs execute by following precise and unambiguous instructions.</li> <li>• Create and debug simple programs</li> <li>• Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content on the internet or other online technologies.</li> <li>• Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</li> </ul>	<ul style="list-style-type: none"> <li>• Understand what algorithms are; how they are implemented as programs on digital devices and that programs execute by following precise and unambiguous instructions.</li> <li>• Create and debug simple programs</li> <li>• Use logical reasoning to predict the behaviour of simple programs.</li> <li>• Recognise common uses of information technology beyond school.</li> <li>• Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content on the internet or other online technologies.</li> <li>• Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</li> </ul>	<ul style="list-style-type: none"> <li>• Understand what algorithms are; how they are implemented as programs on digital devices and that programs execute by following precise and unambiguous instructions.</li> <li>• Create and debug simple programs</li> <li>• Use logical reasoning to predict the behaviour of simple programs.</li> <li>• Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content on the internet or other online technologies.</li> <li>• Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</li> </ul>
Year 2	<ul style="list-style-type: none"> <li>• Understand what algorithms are; how they are implemented as programs on digital devices;</li> </ul>	<ul style="list-style-type: none"> <li>• Understand what algorithms are; how they are implemented as programs on digital devices;</li> </ul>	<ul style="list-style-type: none"> <li>• Understand what algorithms are; how they are implemented as programs on digital devices;</li> </ul>

	<p>that programs execute by following precise and unambiguous instructions.</p> <ul style="list-style-type: none"> <li>• Create and debug simple programs.</li> <li>• Use technology respectfully</li> <li>• Keep personal information private</li> <li>• Use technology purposefully and safely.</li> </ul>	<p>that programs execute by following precise and unambiguous instructions.</p> <ul style="list-style-type: none"> <li>• Create simple programs.</li> <li>• Use technology safely and respectfully</li> <li>• Use technology purposefully</li> </ul>	<p>that programs execute by following precise and unambiguous instructions.</p> <ul style="list-style-type: none"> <li>• Create and debug simple programs.</li> <li>• Use logical reasoning to predict the behaviour of simple programs</li> <li>• Use technology safely and respectfully</li> <li>• Use technology purposefully</li> </ul>
Year 3	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence and selection in programs.</li> <li>• Use logical reasoning to explain how some algorithms work.</li> <li>• To detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence and selection in programs.</li> <li>• Use logical reasoning to explain how some algorithms work.</li> <li>• To detect and correct errors.</li> <li>• Use search technologies effectively, appreciate how results are selected and ranked.</li> <li>• Be discerning in evaluating content.</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence and selection in programs.</li> <li>• Use logical reasoning to explain how some algorithms work.</li> <li>• To detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Use search technologies effectively.</li> </ul>

	<p>digital devices to design and create content that accomplishes a given goal.</p>	<ul style="list-style-type: none"> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Recognise acceptable/unacceptable behaviour</li> <li>• Use search technologies effectively.</li> <li>• Select, use and combine a variety of software and internet services to evaluate and present data and information.</li> </ul>	<ul style="list-style-type: none"> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> <li>• To present data and information.</li> </ul>
Year 4	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence and selection in programs.</li> <li>• Use logical reasoning to explain how some algorithms work.</li> <li>• To detect and correct errors.</li> <li>• Be discerning in evaluating digital content.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence and selection in programs.</li> <li>• Use logical reasoning to explain how some algorithms work.</li> <li>• To detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Recognise acceptable/unacceptable behaviour</li> <li>• Identify a range of ways to report concerns about content and contact.</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence and selection in programs.</li> <li>• Use logical reasoning to explain how some algorithms work.</li> <li>• To detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Use search technologies effectively.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of</li> </ul>

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Year 5	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals, inc. controlling or simulating physical devices.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• To detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Recognise acceptable/unacceptable behaviour</li> <li>• Use search technologies effectively.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence, selection and repetition in programs</li> <li>• To use logical reasoning to detect and correct errors.</li> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence, selection and repetition in programs</li> <li>• To use logical reasoning to detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Recognise acceptable/unacceptable behaviour</li> <li>• Identify a range of ways to report concerns about content and contact.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> </ul>

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Year 6	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals, inc. controlling or simulating physical devices.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• To detect and correct errors.</li> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Use search technologies effectively.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence, selection and repetition in programs</li> <li>• To use logical reasoning to detect and correct errors.</li> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> </ul>	<ul style="list-style-type: none"> <li>• Design, write and debug programs that accomplish specific goals.</li> <li>• Solve problems by decomposing them into smaller parts.</li> <li>• Use sequence, selection and repetition in programs</li> <li>• To use logical reasoning to detect and correct errors.</li> <li>• Use technology safely, respectfully and responsibly.</li> <li>• Recognise acceptable/unacceptable behaviour</li> <li>• Identify a range of ways to report concerns about content and contact.</li> <li>• Select, use and combine a variety of software (and internet services) on a range of digital devices to design and create content that accomplishes a given goal.</li> <li>• Understand computer networks (inc. the internet) and the opportunities they offer.</li> </ul>

