

Long term plans for

Our Curriculum Drivers are:

Wellbeing

Aspirations

Outdoor Learning

These key drivers are integral to all that we do at Glade, to ensure that all of our pupils leave us as happy, healthy and well-rounded individuals.



"Growing, Learning, Achieving with Dedication and Enthusiasm"



	KEY VOCABULARY FOR EACH YEAR GROUP IN
Nursery	Mouse, Click, Computer, Camera, IPad,
Rec	Icons, Cursor, programme, open, close, Video, record, film, enter key, login in and out, save, internet, Ipad, laptop
Year 1	Files, software programmes, digital, browse, internet, browse, document, open, close, delete, copy and paste, image Maximise, minimise, pop ups, algorithms, Desktop, laptop
Year 2	Attach, send, import, export, navigate, digital, movie maker, edit, shift, print screen, enlarge, scale, object, crop, text and graphics, fonts, bold underline, highlight
Year 3	Multi- media, format, animate sound file, mp3, wave, crop, image framing, interactives, links, apps, download, up load, programmers, opinion pollsters
Year 4	Editors, WiKi, HTML, Input, Output, data logging, network, co-authors, meteorologists.
Year 5	Cyber, debug, cryptographers, Morse codes, Semaphore, encrypt, decrypt, variables, bloggers.
Year 6	Audacity- audio sound, gaming, chatroom, whats app. Down load, research, market, analyse, interpret, geotag, GPS, networks, smartphones, interface, Android.



ICT Long Term Plan

Subject	Autumn	Spring	Summer
R	<p>Exploring Different Types of ICT equipment through the curriculum.</p> <p>Use of cameras to take pictures and talk about their work.</p>	<p>Links to be make with Jigsaw</p> <p>We are healthy using timers.</p> <p>How to stay safe online.</p> <p>Using a technology for a purpose.</p> <p>Making short videos.</p> <p>Using microscopes.</p>	<p>Record sound tracks and making music.</p> <p>Controlling equipment through batteries and instructions.</p> <p>Program and sequence instructions.</p>
1	<p>We are Treasure Hunters -</p> <ul style="list-style-type: none"> - Understand algorithms and debugging. <p>We are TV chefs-</p> <ul style="list-style-type: none"> -creating moving pictures and photos. -Keep personal information private 	<p>We are Painters-</p> <ul style="list-style-type: none"> -Use of internet, select and use appropriate painting tools to create content. -Use technology purposefully to store digital content. -Keep personal information private. <p>We are collectors- Use technology purposefully to create, organise, Store, manipulate and retrieve digital content.</p> <ul style="list-style-type: none"> -Recognise common uses of information technology beyond school. 	<p>We are Story Tellers-</p> <ul style="list-style-type: none"> -Use technology purposefully to store digital content. -Combine software. <p>We are celebrating-</p> <ul style="list-style-type: none"> -Use technology purposefully to manipulate digital content. -Recognise common uses of information technology outdoors. -Use technology safely.
2	<p>We are Astronauts-</p> <ul style="list-style-type: none"> -Understand that algorithms are implemented as programs on digital devices -Understand that programs execute by following precise and unambiguous instructions. <p>We are Games testers-</p> <ul style="list-style-type: none"> -Use logical reasoning to predict the behaviour of own programs. -Use logical reasoning to predict the behaviour of others' programs. 	<p>We are Photographers-</p> <ul style="list-style-type: none"> -Use technology purposefully to retrieve digital content. -Use technology purposefully to organise digital content. <p>We are Researchers-</p> <ul style="list-style-type: none"> -Use technology respectfully. -Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. 	<p>We are Detectives-</p> <ul style="list-style-type: none"> -Keep personal information private. -Recognise common uses of information technology at home. -Use of emails. - Solve problems by decomposing them into smaller parts. <p>We are Zoologists-</p> <ul style="list-style-type: none"> -Use technology purposefully to store digital content. -Analysing data. -Use technology purposefully to retrieve and

			organise digital content.
3	<p>We are Programmers- Use sequence in programs. Use selection in programs.</p> <p>We are bug fixers- -Debug programs that accomplish specific goals</p> <p>-Control or simulate physical systems.</p>	<p>We are Presenters- -Select, use and combine software. Design and create content.</p> <p>We are Network Engineers - -Design and create systems -Solve problems by decomposing them into smaller parts -Use sequence in programs.</p>	<p>We are Communicators- -Understand computer networks, including the internet. -Understand the opportunities computer networks offer for communication. -Use search technologies effectively.</p> <p>We are Opinion pollsters- -Appreciate how search results are selected. - Appreciate how search results are ranked. - Be discerning in evaluating digital content - Analysing data.</p>
4	<p>We are Software Developers- Write programs that accomplish specific goals. Use selection in programs.</p> <p>We are Toy Designers- -Use sequence in programs -Use repetition in programs. -Design programs that accomplish specific goals.</p>	<p>We are Musicians - -Understand how computer networks can provide multiple services, such as the world wide web -Use sequence in programs. -Use selection in programs and repetition in programs.</p> <p>We are HTML editors- -Understand the opportunities computer networks offer for communication. -Understand the opportunities computer networks offer for collaboration. -Select, use and combine software.</p>	<p>We are Authors - -Understand the opportunities computer networks offer for collaboration. -Search technologies. -Select and combine software.</p> <p>We are Meteorologists- -Work with variables. -Work with various forms of input and output. -Use logical reasoning to detect and correct errors in programs.</p>
5	<p>We are Game Developers. -Control or simulate physical systems. -Control or simulate physical systems. -Control or simulate physical systems.</p> <p>We are Cryptographers-</p>	<p>We are Artists- Select, use and combine software Design and create content.</p> <p>We are Web Developers- -Use technology responsibly.</p>	<p>We are Bloggers- -Understand computer networks, including the internet. -Understand the opportunities computer networks offer for communication and</p>

	<ul style="list-style-type: none"> -Use logical reasoning to explain how some simple algorithms work. -Coding and working with variables. 	<ul style="list-style-type: none"> -Identify a range of ways to report concerns about contact. -Identify a range of ways to report concerns about content. 	<p>collaboration.</p> <p>We are Architects-</p> <ul style="list-style-type: none"> -Select, use and combine software. -Design and create content. -Design and create systems.
6	<p>We are App planners-</p> <ul style="list-style-type: none"> -Design and create systems. -Collect, analyse, evaluate and present data and present information. <p>We are Project managers-</p> <ul style="list-style-type: none"> -Identify a range of ways to report concerns about content. -Recognise acceptable/unacceptable behaviour. -Select, use and combine software. -Design and create content. 	<p>We are Market researchers-</p> <ul style="list-style-type: none"> Design and create systems. Collect, analyse, evaluate and present data and present information. <p>We are Interface designers-</p> <ul style="list-style-type: none"> -Work with variables. -Work with various forms of input and output -Use logical reasoning to detect and correct errors in programs. Evaluating digital content. 	<p>We are App developers-</p> <ul style="list-style-type: none"> -Use logical reasoning to explain how some simple algorithms work. -Use logical reasoning to detect and correct errors in algorithms. <p>We are Marketers-</p> <ul style="list-style-type: none"> -Understand computer networks, including the internet. -Understand the opportunities computer networks offer for collaboration.