Dobwalls Computing
<u>Curriculum Overview</u>

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	**Unit**	**We are creators** Discuss technology in classroom- Writing name/sentence on Word	**We are editors** Changing fonts on Word	**We are painters** 'Paint' a digital picture	**We are toy makers** Use a programmable toy	**We are storytellers** Record a story	**We are collectors** Collect and group images- *can link to science*
	Concept	**Computer Networks**	**Communication**	**Communication**	**Programming**	**Communication**	**Communication**
	SECRET Skill	**Making connections**	**Get involved**	**Share your learning**	**Find solutions**	**Manage the team**	**Be organised**
Year 2	**Unit**	**We are investigators** Discuss uses of technology in wider world. E.g hospitals	**We are astronauts** Use a programmable app	**We are photographers** Capture and edit photos	**We are navigators** Create routes for programmable toys	**We are zoologists** Collect data on animals- *can link to science*	**We are quiz hosts**
	Concept	**Computer Networks**	**Programming**	**Communication**	**Programming**	**Communication**	**Programming**
	SECRET Skill	**Making connections**	**Find solutions**	**Stay objective**	**Manage the team**	**Be organised**	**Manage the team**
Year 3	**Unit**	**We are connectors** Discuss how computers and networks are linked	**We are publishers** Create a magazine spread- *can link to topic*	**We are animators** Create a stop-motion animation- *can link to science*	**We are a band** Create a sequence of music	**We are programmers** Create a programmed animation	**We are opinion pollsters** Collect and analyse data
	Concept	**Computer Networks**	**Communication**	**Communication**	**Programming**	**Programming**	**Communication**
	SECRET Skill	**Making connections**	**Share your learning**	**Be organised**	**Manage the team**	**Set yourself a challenge**	**Reach conclusions**

Dobwalls Computing
<u>Curriculum Overview</u>

Year 4	Unit	**We are internet explorers** Discuss how the internet can be used to connect and share content	**We are animators** Create micro:bit animation- *can link to disasters topic*	**We are photo editors** Explore how photos can be edited/faked	**We are meteorologists** Research and present weather- *can link to rainforest topic*	**We are pattern makers** Create a wrapping paper	**We are musicians** Create an audio piece
	Concept	**Computer Networks**	**Programming**	**Online Safety**	**Communication**	**Programming**	**Communication**
	SECRET Skill	**Making connections**	**Go for it, finish it**	**Stay objective**	**Build team strength**	**Be organised**	**Share your learning**
Year 5	Unit	**We are collaborators** Discuss/create collaborative online content	**We are solar sensors** Program micro:bits into light sensors- *can link to science*	**We are bloggers** Sharing emotions and feelings- *can link to RSE*	**We are artists** Create art with geometry	**We are game developers** Develop interactive game	**We are cryptographers** Exploring and cracking codes
	Concept	**Computer Networks**	**Programming**	**Communication**	**Communication**	**Programming**	**Online Safety**
	SECRET Skill	**Build team strength**	**Manage the team**	**Manage emotions**	**Imagine**	**Get involved**	**Take responsibility**
Year 6	Unit	**We are communicators** Discuss ways to communicate and how searches influence results	**We are co-authors** Create a web page	**We are game improvers** Develop and improve a game using simulated features	**We are modellers** Create 3D model- *can link to art*	**We are healthy** Program micro:bits into pedometers- *can link to science*	**We are event planners** Use spreadsheets to calculate costs- can *link to Summer Fare*
	Concept	**Computer Networks**	**Online Safety**	**Programming**	**Communication**	**Programming**	**Communication**
	SECRET Skill	**Making connections**	**Stay objective**	**Plan, do, review**	**Imagine**	**Manage the team**	**Be organised**