



Dobwalls Computing Curriculum Overview



		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- <i>can link to science</i>
	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- <i>can link to science</i>	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- <i>can link to topic</i>	We are animators Create a stop-motion animation- <i>can link to science</i>	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



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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- <i>can link to disasters topic</i>	We are photo editors Explore how photos can be edited/faked	We are meteorologists Research and present weather- <i>can link to rainforest topic</i>	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 artists Create art with geometry	We are bloggers Sharing emotions and feelings- <i>can link to RSE</i>	We are solar sensors Program micro:bits into light sensors- <i>can link to science</i>	We are game developers Develop interactive game	We are cryptographers Exploring and cracking codes
	Concept	Computer Networks	Communication	Communication	Programming	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- <i>can link to art</i>	We are healthy Program micro:bits into pedometers- <i>can link to science</i>	We are event planners Use spreadsheets to calculate costs- <i>can link to Summer Fare</i>
	Concept	Computer Networks	Online Safety	Programming	Communication	Programming	Communication
	SECRET Skill	Making connections	Stay objective	Plan, do, review	Imagine	Manage the team	Be organised