Overview of Declarative Knowledge - Subject: ICT and Computing

	Autumn	Spring **E-safety week - Feb**	Summer
1	Far Far Away How can we connect with communities far far away?	Comics Can… How can we celebrate real life heroes through time?	Buckets and Spades Plan and design a gallery that brings the seaside to the city
	Take Photos – local area Instructions: offline and Bee-bots – following and making routes	Online safety (Computer Science)	Paint programmes Save and store work
	C1.1b, C1.3a	C1.4a, C1.4b	C2.1a, C1.2b
2	Sparks will Fly How can we tell stories of fire?	The Really Rural Show How can we bring the countryside to our city environment?	Up, Up and Away How can we make something fly?
	Record video – stories of fire Save work Word processing Add images	Online safety Research – retrieve – content	Uses of ICT beyond school Programming
	C1.1c, C1.2c, C1.2b	C1.2d, C1.4a, C1.4b, C1.4c	C1.1a, C1.3a, C1,3b, C1.3c, C1.3d
3	Around the world in 80 Beats Compose an album of songs of the world	A Day at the Museum How can we run our own pop-up museum?	Catastrophe! How can we raise awareness and support those affected by a natural disaster?
	Record / edit sounds and music Design and create content – album sleeve and booklet	Online safety	Take photos and edit using effects Publishing programmes
	C2.1c, C2.2c	C2.4a, C2.4b, C2,4c	C2.1b, C2.2a
4	Bolts n Bones How can we promote local health?	A Day at the Museum How can we run our own pop-up museum?	Crazy contraptions How can we design a product which solves problems?
	Data collection Present data Evaluate information	Online Safety Design and create	Programming Computer networks
	C2.2b, C2.2d, C2.2e	C2.2c, C2.4a, C2.4b, C2.4c	C2.1a, C2.3a, C2.3b, C2.3c, C2.3d, C2.3e, C2.3f
5	Changemakers How can we raise awareness of a global issue?	Space Infinity How can we help people experience Space virtually?	Invade and Attack How can we re-enact the chronology of those who invaded Britain?
	Data handling and analysis Design and create systems	Manipulate sounds and music Photos and videos – multimedia	Programming - Kodable
	C3.2c, C3.2d, C3.2e	C3.1d, C3.1c	C3.3a, C3.3b, C3.3c, C3.3d, C3.3e, C3.3f, C3.3g
6	Conflicts; Causes and Outcomes How can we capture first-hand perspectives of conflicts so that we can learn lessons from the past?	Goblin and Ghouls Create our own chronicles	Ballot Street Produce and launch the next Ballot Street Product
	Select, use and combine software Combine photos and videos	Online safety Computer networks	Purposeful use of software
	C3.2a, C3.1c	C3.1a, C1.3b, C3.4a, C3.4b, C3.4c, C3.4d	C3.2a