	ARROW		CURRICULUM MAP – Information Technology/Computing							
	EIGHTS CHOOL	5	KEY S	STAGE 5	SUMMER	2	SUMMER 1		SPRING 2	
PRING 2	SUMMER 1		SUMMER 2		AUTUN	AN 1	AUTUMN 2		SPRING 1	
JSER SKILLS ADDITIVE NUFACTURING MOUTER SCIENCE –	IT USER SKILLS Presentation software COMOUTER SCIENCE –		IT USER SKILLS Presentation software COMOUTER SCIENCE –							
thon programming	Python controlled assessment		Python controlled assessment		/					
	SPRING 1 IT USER SKILLS ADDITIVE MANUFACTURING		AUTUMN 2 IT USER SKILLS GAMES DESIGN		AUTUMN 1 IT USER SKILLS GAMES DESIGN		with the units relevant to their IT qualification Online Safety – Unit 4 eadsheet (Digital Python Programming (Computer Science) Hello world The drive through Rock, Paper, Scisors Loops (RPS part 2)		SUMMER 1 Group Project (Digital Creativity) Whole class plan prepares and divide up jobs to undertake and a project from the INGOTS Units Online Safety – Unit 4 SPRING 2 Databases (Digital Creativity/basics) What is a database. Databases in the real world. Key database concepts. Validation vs verification. Data entry. Online Safety – Deepfakes	
	COMOUTER SCIENCE – Cyber security		COMOUTER SCIENCE – Computer Systems		COMOUTER SCIENCE – Data representation					
Office Work/Intro to Python (Digit (Digital Creativity/Computer Science) Pytho Presentation software (Interactive) Pythor Spreadsheet software (54321) RPS Desktop Publishing (Cards Calendar) Turtle Review/Feedback Plan it		SUMMER 2 (Digital Creativity/Computer Science Python Magic/Personal or Group Pr Python fast food RPS Turtle Plan it, Make it, Review it Online Safety – Making a virus	Personal or Group Projects Early computin Electronic com Boolean logic Cybersecurity Computer netw Review it ROBOTS		ng: Creativity) nputing Christmas card competition & logic gates 54321					
RING 2 Ike code Arcade (with code) proputer Science) pkeeper s Rockstar ark Splash ngle Monkey ace Explorer line Safety - Cyberbullying	SPRING 1 Introduction to Unreal (Digital Creativity) Market place and UI 3D File types Mixamo (Animation) Importing!!! Naming is important Review/Feedback Online Safety - Gaming		AUTUMN 2 3D modelling and product design (Digital Creativity) Organic vs Architectural Intro to Sculp Intro Sketchup Project work Review/Feedback Online Safety – What happens to		(Digital Basics) Different Types of computers. How much does it cost? What is inside a PC RAM VS ROM		SUMMER 2 Personal Projects (Digital Creativity) Plan it Make it Revisit/Review it Online Safety – Fake News Ses			SUMMER 1 Digital Imaging (Digital Creativity) Intro to Digital imaging Lote of Layers Tools Naming and saving Assesment
		What	IMN 1 are Computers? al Basics)		Control outer Science)	SPRING 1 Grand Designs (Digital Creativity/Basics) Gantt Chart Plans		SPRING 2 Typing and fine motor skills (E Intermediate typing.com lessons. Week by week names and compet		<mark>Online Safety – Online</mark> Advertising

Hardware Binary Help Sheet Extra Secret Messages \preceq

Networking Network Simulation Tool Review/Feedback Online Safety – Networking Gantt Chart Plans Using SketchUp Finances Spreadsheet Help Sculptress intro Assessment Online Safety – Posting info online

Week by week games and competition. Competition

Online Safety – Email scams

Film Making	
(Digital Creativity)	
What is a film trailer?	
Inputs and Outputs	

			KEY	STAGE 3 ►	SUMMEF Film Mak (Digital C What is a Inputs an The Snip	ing reativity) film trailer? d Outputs		SUMMER 1 Spreadsheets (Digital Basics/Creativity) Cell references Formula Intro Formula part 2 If statements		SPRING 2 Turtle (Computer Science) Students look at turtle in supported with scaffoldi	n python creating. Heavily ng.
SPRING 2 Typing skills (Simple words) (Digital Basics) Students will also recap the saving process and files and folders within office and One Note.	Radio Station 3 (Digital Creativity) (I Audio Inputs and Outputs F Script Writing 00 Audacity Introduction A Snipping tools File types SPRING 1 A Microsoft Make code FI (Computer Science) (I What is a game (Log in) In		SUMMER 2 3D modelling (Digital Creativity) FILE Types Organic Modelling Architectural Modelling Autrumn 2 Flowol (Computer Science) Introduction to flow chart symbols Students create algorithms to solve problems		AUTUMN 1 Scratch Animated (Computer Science) Stories Loops If statements AUTUMN 1 AUTUMN 1 AUTUMN 1 Online safety (Digital Basics) Who can I MESSAGE? Online Scams Spam mail			AUTUMN 2 Typing Skills (Digital Basics/Computer Science) Finger placement. Typing games and challenges. Typing.com SUMMER 2 Scratch Question & Quizzes (Computer Science) Loops Animation Variables		SPRING 1 3D modelling (Part 2) (Digital Creativity) Box Modelling Sculptress funny face Dream house SUMMER 1 Using and Applying Skills (Digital Basics) Presentation. Excell Publisher One Note	
							Y5				
SUMMER 1 What is the internet (Digital Basics) Using the internet Internet Explorer, What is Email Smart devices		SUMMER 2 Scratch Code Movement (Computer Science) Learning how to animate a character in Scratch 2.0 seeing how loops can affect animation.		Autumn 1 Online Safety (Digital Basics) Safer Search Online Shopping What is social media? Child Line		AUTUMN 2 Animation (Pivot) (Digital Creativity) Drawing and Planning (Storyboarding) FPS Creating Reviewing		SPRING 1 Desktop Publishing (Digital Creativity) Business cards Happy birthday cards Calendar Self-assessment review/ Feedback		SPRING 2 Typing skills (hand placement) (Digital Basics) Formal Writing Longest word I know. Sending email	
SPRING 2 Internet Research and communi (Digital Basics) Wonders of the world VR intro Google earth	cation	SPRING 1 Presentation skills (Digital Basics) My interest (Pictures and links to Videos)		AUTUMN 2 Typing skills (More letters and hand placement) (Digital Basics) Saving your work. Files and Folders		AUTUMN 1 Online Safety (Digital Basics) Safe Sites Email		SUMMER 2 Using the internet (Digital Basics) How much is the internet How to be safe online			SUMMER 1 Using and Applying Skill (Digital Basics) Software packages Types of computers
		(Digita Using	IMN 1 puter ART al Basics/Creativity) the mouse to colour in earning software interfac	Preselected images What es.	MN 2 e Safety al Basics) is the internet? is social media?	(Digital	3 1 t ation skills Basics) ut me and my family.		SPRING 2 Typing skills (1 letter at a time (Digital Basics) Appropriate names for files File Types	e)	