Scheme of Learning: Year & Computing								
Topic Sequence:								
	1	2	3		4	5	6	
c	omputer Systems	uter Systems Representation Developing for the Web		Intro to Python		Heroes of Computing	Mobile App	
Topi	ic Overview:							
Lesson are vipatto	designed to challenge puting. Learners will d it the researching and ons 4 to 6 allow the le working tin groups and erns in computing use s:	the gender/ethnic/LGBTQ d levelop and present their fir d presentation skills from pre arners to think about the fu d are tasked with producing	o have made a significant co fivide in computing and celel ndings on their given 'hero'. I evious units in Year 7 and 8. Iture of technology and how and sales pitch and advert for R094 – Visual identity and dig	brate the ach It will also giv the computir or a future te	ievements of e the learne ng landscap chnology. T	of women, ethnic minority a ers an opportunity to work of e might change in the near a	nd LGBTQ individuals in ollaborative online and	
Les	son Sequence:							
Lesson 1: Learners review the definition of a computer are introduced to the Analytical Engine designed by Charles Babbage. The Learners are then presented with topic of heroes and are assigned groups of 2/3. Each group is then assigned a hero and are tasked to complete a 5 min presentation on that person. Lesson 2: Learners review what makes a good presentation, and the parameters are set for the presentations. This is done at the start of lesson 2 to enable the learners to think about the content of their presentations and what they need to edit. All presentations must be completed before the start of next lesson. Lesson 3: The Learners present their presentations and are reviewed via peer review and marked via a rubric. Lesson 4: The Learners investigate the possibilities of future technology. They watch a video about future technology that is likely to be 'mainstream' in the next 20 years. Learners are then tasked with developing an advert and pitch their ideas. Lesson 5: Learners continue to develop their adverts and pitches Lesson 6: Learners pitch their concepts and present their adverts to the class. Pitches are peer reviewed. Presentation skills are assessed via a rubric. National curriculum links Undertake creative projects that involve selecting, using, and combining multiple applications, Create, re-use, revise and re-purpose digital artefacts for a given audience Understand a range of ways to use technology safely, respectfully, responsibly and securely Education for a connected world links Analyse and evaluate the reliability and validity of online information								
Sequence of Lessons:					Topic Resources:			
ocquenoc di Leggoria.				Knowledge 8.5: Heroes of Computing Any other Resources:				
1	Lesson 1: Introduction	on to the topic		Assessment:				
2	Leson 2: Presentatio	n Development		Knowledge:			United States and Stat	
3	Lesson 3: Presentation	on of Heroes		Application of Knowledge: Supportive Reading:		Presentation of Computing Hero and Pitch for new Technology		
4	Lesson 4: Introduction	on to the future		The History of the Computer		The History of the Computer : Ignotofsky, Rachel: Amazon.co.uk: Books		
5	Lesson 5: Developm	ent of pitches		Technology through time		Background - Technology through time - KS3 ICT Revision - BBC Bitesize		
6	Lesson 6: Presentation	on of Future Tech pitches		Explorer Academy Future Tech: The Science Behind the		Explorer Academy Future Tech: The Science Behind the Story: Amazon.co.uk: National Geographic Kids, Kiffel-Alchen, Jamie: 9781426339141: Books		