Yox Valley Computing Curriculum

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	Key Stage 1		Lower KS2		Upper KS2	
CONFLICT	How does IT improve our world? Computing Systems and	Pencil or Keyboard? Digital Writing	How are we connected? Computer systems and	What's more important the	How is information shared? Computing Systems and	Could vectors improve Banksy's art? Vector drawing
Autumn	Networks - IT around us		networks	<pre>question or the answer? Branching Databases</pre>	Networks	vector drawing
PLANET EARTH	How did you get there? Moving a robot	What makes a good photograph? Digital Photography	Can technology replace the piano? Sequence in Music	When should you use desktop publishing? Desktop Publishing	What impact does change have? Variables in games	Internet- Positive or negative? Use of web page to promote
Spring	INIOVITIE A TODOL	Digital Photography	Sequence in Music	Desktop Publishing	variables in games	a message
BRITAIN	How does grouping make life easier?	What would a day in London look like for	How would you commemorate the	What happens if you make the wrong turn?	Can technology replace maths?	Does technology improve fitness?
Summer	Grouping data	Paddington? Introduction to animation	Life of Edward VI? Animated Google Logo to Commemorate a historic figure	Programming B - Events and Actions	Data bases	Sensing
HUMAN KIND	What is technology? Computing systems and networks – Technology	How does technology affect music? Creating Media- Making	How does the internet enable	Can you bring a story to life? Creating media- Animations	How do we find what we want? Computer systems and	How can you bring a model to life? Creating media- 3D
Autumn	around us	Music Music	learning? Computer systems and networks- the internet	Creating media- Animations	networks- Communications	Modelling
INVENTIONS	How do you communicate with	Paint brush or paint app?	Do I need to repeat myself?	Can digital changes improve reality?	Do you always get out what you put in?	Where will it take you? Creating QR codes for real
Spring	robots? Programming A - Robot algorithms	Creating media - Digital painting	Programming A - Repetition in shapes	Creating media - Photo editing	Programming A - Selection in physical computing	life purposes
CIVILISATIONS	What do the pictures tell us?	What happens next? Programming B -	<u>'A camera never</u> <u>lies'- so does a</u>	Is there value in repeating myself?	Why edit? Creating media - Video	What if? What then? Programming B - Selection in
Summer	Data and information - Pictograms	Introduction to quizzes	podcast? Creating media - Audio editing	Programming B - Repetition in games	editing	quizzes