Yox Valley Computing Curriculum

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