

Rendlesham Computing Curriculum

	Key Stage 1		Lower KS2		Upper KS2	
<p>CONFLICT</p> <p>Autumn</p>	<p>How does IT improve our world? Computing Systems and Networks - IT around us</p>	<p>Pencil or Keyboard? Digital Writing</p>	<p>How are we connected? Computer systems and networks</p>	<p>What's more important the question or the answer? Branching Databases</p>	<p>How is information shared? Computing Systems and Networks</p>	<p>Could vectors improve Banksy's art? Vector drawing</p>
<p>PLANET EARTH</p> <p>Spring</p>	<p>How did you get there? Moving a robot</p>	<p>What makes a good photograph? Digital Photography</p>	<p>Can technology replace the piano? Sequence in Music</p>	<p>When should you use desktop publishing? Desktop Publishing</p>	<p>What impact does change have? Variables in games</p>	<p>Internet- Positive or negative? Use of web page to promote a message</p>
<p>BRITAIN</p> <p>Summer</p>	<p>How does grouping make life easier? Grouping data</p>	<p>What would a day in London look like for Paddington? Introduction to animation</p>	<p>How would you commemorate the life of Edward VI? Animated Google Logo to Commemorate a historic figure .</p>	<p>What happens if you make the wrong turn? Programming B - Events and Actions</p>	<p>Can technology replace maths? Databases</p>	<p>Does technology improve fitness? Sensing</p>
<p>HUMANKIND</p> <p>Autumn</p>	<p>What is technology? Computing systems and networks – Technology around us</p>	<p>How does technology affect music? Creating Media- Making Music</p>	<p>How does the internet enable learning? Computer systems and networks- the internet</p>	<p>Can you bring a story to life? Creating media- Animations https://sketch.metademola.com/canvas https://www.j2e.com/jit5#animate</p>	<p>How do we find what we want? Computer systems and networks- Communications</p>	<p>How can you bring a model to life? Creating media- 3D Modelling</p>
<p>INVENTIONS</p> <p>Spring</p>	<p>How do you communicate with robots? Programming A - Robot algorithms</p>	<p>Paint brush or paint app? Creating media - Digital painting</p>	<p>Do I need to repeat myself? Programming A - Repetition in shapes</p>	<p>Can digital changes improve reality? Creating media - Photo editing</p>	<p>Do you always get out what you put in? Programming A - Selection in physical computing</p>	<p>Where will it take you? Creating QR codes for real life purposes BOOKCREATOR</p>
<p>CIVILISATIONS</p> <p>Summer</p>	<p>What do the pictures tell us? Data and information - Pictograms https://www.j2e.com/jit5#pictogram</p>	<p>What happens next? Programming B - Introduction to quizzes</p>	<p>'A camera never lies'- so does a podcast? Creating media - Audio editing</p>	<p>Is there value in repeating myself? Programming B - Repetition in games</p>	<p>Why edit? Creating media - Video editing</p>	<p>What if? What then? Programming B - Selection in quizzes</p>