

Computing LTP

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		Autumn		Spring		Summer	
		1 <sup>st</sup> half	2 <sup>nd</sup> half	1 <sup>st</sup> half	2 <sup>nd</sup> half	1 <sup>st</sup> half	2 <sup>nd</sup> half
2025-26	KS1	How does IT improve our world? Computing Systems and Networks - IT around us	Pencil or Keyboard? Digital Writing	How did you get there? Moving a robot	What makes a good photograph? Digital Photography	How does grouping make life easier? Grouping data	How can we make vehicles move on screen? Introduction to animation
	KS2	How are we connected? Computer systems and networks	Can you bring a story to life? Creating media-Animations <a href="https://sketch.metademolab.com/canvas">https://sketch.metademolab.com/canvas</a> <a href="https://www.j2e.com/jit5#animate">https://www.j2e.com/jit5#animate</a>	Can technology replace the piano? Programming A - Sequencing sounds	What's more important the question or the answer? Branching Databases Data and information	When should you use desktop publishing? Creating media – Desktop publishing	What happens if you make the wrong turn? Programming B - Events and Actions
2026-27	KS1	What is technology? Computing systems and networks – Technology around us	How does technology affect music? Creating Media- Making Music	How do you communicate with robots? Programming A - Robot algorithms	Paint brush or paint app? Creating media - Digital painting	What do the pictures tell us? Data and information - Pictograms <a href="https://www.j2e.com/jit5#pictogram">https://www.j2e.com/jit5#pictogram</a>	What happens next? Programming B - Introduction to quizzes
	KS2	How does the internet enable learning? Computer systems and networks- the internet	'A camera never lies'- so does a podcast? Creating media - Audio editing/production	Do I need to repeat myself? Programming A - Repetition in shapes	What data would you collect over time? Data and information – Data logging	Can digital changes improve reality? Creating media - Photo editing	Is there value in repeating myself? Programming B - Repetition in games
2027-28	KS1	How does IT improve our world? Computing Systems and Networks - IT around us	Pencil or Keyboard? Digital Writing	How did you get there? Moving a robot	What makes a good photograph? Digital Photography	How does grouping make life easier? Grouping data	How can we make vehicles move on screen? Introduction to animation
	KS2	How is information shared? Computing Systems and Networks- Systems and searching	Why edit? Creating media - Video editing	Do you always get out what you put in? Programming A - Selection in physical computing	Can technology replace maths? Databases Data and information – Flat-file databases	Could vectors improve Banksy's art? Vector drawing Creating media - Introduction to vector graphics	What if? What then? Programming B – Selection in quizzes

2028-29	KS1	<u>What is technology?</u> Computing systems and networks – Technology around us	<u>How does technology affect music?</u> Creating Media- Making Music	<u>How do you communicate with robots?</u> Programming A - Robot algorithms	<u>Paint brush or paint app?</u> Creating media - Digital painting	<u>What do the pictures tell us?</u> Data and information - Pictograms  <a href="https://www.j2e.com/jit5#pictogram">https://www.j2e.com/jit5#pictogram</a>	<u>What happens next?</u> Programming B - Introduction to quizzes
	KS2	<u>How do we find what we want?</u> Computer systems and networks- Communications and collaboration	<u>Internet- Positive or negative?</u> Use of web page to promote a message Creating media – Web page creation	<u>What impact does change have?</u> Programming A – Variables in games	<u>Paper or Screen?</u> Data and information - Introduction to Spreadsheets	<u>How can you bring a model to life?</u> Creating media- 3D Modelling	<u>Does technology improve fitness?</u>  Programming B - Sensing movement