

Impact of Technology	Essential Questions Where can we see technology around us? How does technology make travel easier? How does technology help us travel? What would happen if we didn't have technology? How can we use technology safely? How can technology change the way we do things?				
H&WB	LLC	Humanities	M&N	Sci&Tech	Expressive Arts
Why am I learning this?					
<p>I have an understanding that things can be safe or unsafe.</p> <p>I can, through play, explore, discover and begin to ask simple questions and offer possible answers based on previous experiences. I can understand and use basic concepts in language, e.g. up/down, more/less, happy/sad.</p>	<p>I am beginning to ask and answer questions to clarify my understanding of what has been said/heard/seen (including audio-visual material)</p> <p>I can respond to what I hear, view and read.</p> <p>I can use familiar words and phrases and experiment with newly learned vocabulary.</p> <p>I can retell events or experiences in simple terms.</p> <p>I can develop my</p>	<p>I am beginning to communicate my observations in simple ways.</p> <p>I am beginning to communicate my findings in simple ways.</p> <p>I am beginning to communicate my observations in simple ways.</p>	<p>I can notice, read and write numbers from 0 to beyond 10, and relate a number to its respective quantity..</p> <p>I can explore estimates by using counting or measuring</p> <p>I can combine two groups of objects to find 'how many altogether?'</p> <p>I can demonstrate an awareness of the purpose of money through role play and in real-life</p>	<p>I can show curiosity and question how things work.</p> <p>I can explore the properties of materials and choose different materials for a particular use.</p> <p>I can explore the properties of materials and choose different materials for a particular use.</p> <p>I am beginning to follow a sequence of instructions.</p> <p>I can add my name to</p>	<p>I am beginning to design my own creative work.</p> <p>I can share my creative work.</p> <p>I am beginning to use creative materials safely with guidance and direction.</p>

	<p>vocabulary through reading, and use these new words in a variety of situations.</p> <p>I am beginning to communicate using text, image, sound, animation and Video.</p> <p>I can contribute to shared writing for different audiences and purposes.</p>		<p>situations.</p> <p>I have collected data found in my environment.</p> <p>I can sort and match sets of objects or pictures by recognising similarities and can communicate my choices.</p> <p>I can present work orally, pictorially and in written form, and use a variety of ways to represent collected data.</p> <p>I can use mark-making to begin to record collections.</p> <p>I can interpret information presented in charts and diagrams, and draw appropriate conclusions.</p>	<p>digital work.</p> <p>I can work with others to produce digital work</p> <p>I can find information, such as images, using keywords.</p> <p>I can explore and use appropriate software to add text and images, exploring size and colour.</p> <p>I can recognise and follow instructions in the appropriate order to perform a task</p> <p>I can sort and classify objects using one criterion.</p>	
My learning experiences					

<p>Road safety.</p> <p>Passwords keeping information safe.</p> <p>Explore who helps to keep me safe at school, at home and in the community.</p> <p>How can different vehicles help us?</p>	<p>Follow a set of instructions.</p> <p>Drawing clubs - designing a new vehicle</p> <p>Jack and the Flumflum Tree - Postcards</p>	<p>Compare and contrast older vehicles.</p> <p>Understanding how communities have adapted to technology (spotting transport features).</p> <p>Order and sequence transport.</p> <p>Follow a map of the school (scavenger hunt)</p>	<p>Collect data on how children travel to school.</p> <p>Sort vehicles into different criterias.</p> <p>Money, cost of different transport.</p>	<p>Children predict and test ideas about speed and gravity, testing ramps.</p> <p>Children explore materials and buoyancy.</p> <p>Use technology to compare how long journeys take using different modes of transport (bikes vs running)</p> <p>How can we get to town?</p> <p>Make a parachute for a safe landing</p> <p>Paper aeroplane - link to Amelia Earhart - Apply measure.</p> <p>Children program Bee-Bots to "travel" from school to the park</p>	<p>Make a video on road safety (situation vs safety)</p> <p>Storyboard and plan a digital media video.</p> <p>Take responsibility for the different roles.</p>
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Suggested novels:
Suggested Launch - The Aeroplane Experience. Mission from Nursery
Suggested Landing

- Bus trip to Cardiff Museum

- Smartie the Penguin