


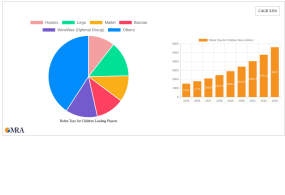
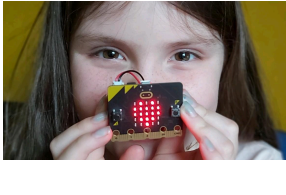



Impact of Technology Rise of the Robots		Essential Questions What is a Robot and how do they work? How do robots change the way humans live and work? Could robots ever replace humans? How might robots help us in the future?			
H&WB 	LLC 	Humanities 	M&N 	Sci&Tech 	Expressive Arts 
Why am I learning this?					
To help me to: Take part in group decisions and I understand why some decisions need to be made as a group. recognise some of the behaviours, and situations that affect my physical health and well-being, and I know how to respond and get help in a safe way. notice when I need help to manage my feelings.. pay attention to the feelings of others.	To help me to: listen to others and understand that they may have a different perspective to my own. respond to a range of multi-step instructions. interact and contribute to group discussion. recognise the features of different types of text identify the purposes of different texts, (instruct, to explain.) organise what I say so that listeners can understand. organise my writing into a logical sequence, using multi-clause sentences	To help me to: recognise the difference between facts and beliefs. present what I have discovered in a variety of ways and draw simple conclusions. recognise that my actions and those of others impact upon communities and the environment.	To help me to: halve 2-digit numbers in the context of number, money and Measures. order and compare items up to £10. I can discuss the properties of two-dimensional and three-dimensional shapes that I use in my everyday learning. extract and interpret information presented in charts, timetables, diagrams and graphs.	To help me to: Follow instructions to build and control a physical device. give an opinion about my own work and suggest improvements to improve it. detect and correct mistakes which cause instructions to fail. change instructions to achieve a different outcome. produce designs to communicate my ideas in response to particular contexts.	To help me to: begin to apply techniques in my creative work with guidance and direction. explore and describe how artists and creative work communicate mood, feelings and ideas.

My learning experiences

<p>Discuss strategies to cope with helping manage our feelings.</p> <p>Discuss whether Robots can help our wellbeing by making things easier?</p>	<p>Explore instruction manuals of toys and their purpose.</p> <p>Identify features of instructional writing found within technology.</p> <p>Hold a class debate about whether robots could ever replace humans.</p> <p>Make an instruction video that explains how to code a robot.</p>	<p>Present written arguments in favour or against the advancements of robot technology.</p> <p>Research the impact of robot technology on our community (job opportunities)including our school.</p> <p>Drones - how can they help people? Positives and negatives.</p> <p>Research information about the advantages and disadvantages of Robots, sorting facts from opinions.</p>	<p>Survey which robotic toys are the most popular.</p> <p>Present data in a range of different charts/graphs.</p> <p>Create a 'Robot shop' where children can buy materials with a budget to build their own robot.</p> <p>Explore properties of different shapes of materials used to make a robot.</p>	<p>Follow instructions to build a n electrical circuit.</p> <p>Follow instructions to code a microbit.</p> <p>Design our own robots.</p> <p>Code microbits to make a moveable robot.</p>	<p>Explore dance troop 'The Robot Boys' and Discuss what makes their movements "robotic" (precision, isolation, mechanical rhythm).</p> <p>Record a video of robot dancing inspired by the robot boys.</p> <p>Use imovie to create a class collaborative piece of dance for a digital film project.</p>
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Suggested novels: The Wild Robot
Suggested Launch I see I think I wonder - meet a robot?
Suggested Landing Coding a robot
Online Tutoring or Homework Help:
Pupil voice opportunities