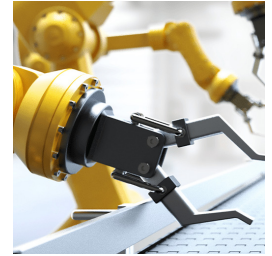


Marvellous Machines



Brief outline of Learning Journey:

This project teaches children about the technology that is part of their daily lives and how machines help us. Mini project- Puppets and Pop-Ups.

English

Some key texts- *What Do Machines Do All Day?*, *Mrs Armitage on Wheels*, *Machine poems*, *You Can't Take an Elephant on a Bus*, *No-Bot the Robot with No Bottom*, *The Robot and the Bluebird*

Reading- apply phonics skills to reading, learn new vocabulary, understand and explore poems and non fiction

Writing- story maps, labels, instructions, poetry and nonfiction facts

Main Focus for Topic: This project explores all types of machinery and will be lead by the children's interests. We will learn about machines from long ago, current machines and how they help us as well as the future and robots. It gives children the opportunity to build and create marvellous machines.

Music- Charanga scheme- nursery rhymes and action songs

PE- Real PE - **movement, balance and jumping** Real gym/ dance- flight, shapes

Maths Exploring numbers, representing, comparing and the composition of numbers 1-5. Finding 1 more and 1 less. Looking at shapes and money matched to numbers 1-5.

Using everyday language to explore time.

Kirfs- I can count to and recognise numbers to 20.

Expressive Arts

Loose parts art, playdough robots, using computers to create art, draw, paint and create vehicles and machines

Other areas- Forest School, being safe in the woods, exploring the woodland environment, teamwork

Physical Development

Pencil control, develop fine and gross skills through exploring a range of tools, outside play equipment, climb, jump, balance, using woodwork- screws and nuts and bolts,

Understanding of The World

Exploring machines in everyday life- kitchen machines, battery powered machines and toys, light sources.

Comparing machines now and then, and how machines help us. Explore movement of vehicles through observations and play, programme floor robots.

Communication and Language Listening in a variety of situations, make comments about what they hear and use questions to clarify, explore and use new vocabulary in conversations

Personal, Social and Emotional discussing staying safe- on the internet with machines,

Jigsaw- Lifeskills Celebrating Differences

Local links and Exciting experiences

Little City 1.11

Puppet Workshop 21.11 Pantomime 9.12