



Reception - Autumn 2 KRP Marvellous Machines



Key Questions

Engage: Marvellous Machines

How can technology be used to help us?

Develop 1: Machine art

How can I create machine art work?

Develop 2: Emergency vehicles

What is inside an emergency vehicle?

Develop 3: Robot stories

How can I explore robots?

Develop 3: Design a robot

Can I design a robot using a variety of materials?

Express: Incredible inventions

Display and invite staff in to show their inventions and creations from over the project!

Book list

- Car Car Truck sheep
- No-bot the Robot with No Bottom!
- You can't call an elephant in an emergency
- What do machines do all day?
- Machine Poems
- No bot the Robot's New Bottom!

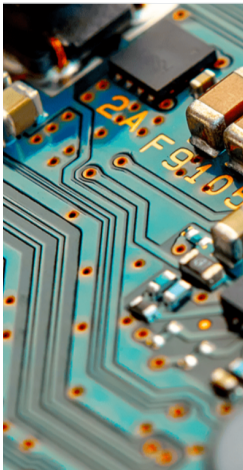
Companion Projects

Puppets and Pop-ups

This creative project explores puppets and pop up books and gives children the opportunity to make puppets and use them to tell exciting stories.

Vocabulary

Technology	Machine	Invent
Robot	Nuts	Bolts
Screws	Vehicles	Emergency
Equipment	Join	Design
Material	Metal	Create





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Programmes of study / Development Matters

C&L

- Communication and Language work is woven throughout the curriculum and daily practice. Contact and skills coverage is child dependent and therefore varies dependent on the child's current level of development

EAD

- Explore, use and refine a variety of artistic effects to express their ideas and feelings
- Sing in a group or on their own, increasingly matching the pitch and following the melody
- Develop story lines in pretend play
- Explore and engage in music making and dance, performing solo or in groups

UW

- Show interest in different occupations
- Explore and talk about different forces they can feel
- Talk about the differences between materials and changes they notice
- Explore how things work

PD

- Use core muscles to achieve good posture when sitting at a table or on the floor.
- Confidently and safely use a range of small and large apparatus indoors and outdoors. □ Know and talk about different factors that support wellbeing e.g. brushing teeth, being a safe pedestrian.
- Learn how to form all letters in the alphabet and develop foundations of a handwriting style which is fast, accurate and efficient.
- Use core muscles to achieve good posture when sitting at a table or on the floor.

PSED

- Develop appropriate ways of being assertive.
- Build confidence in new social situations and become more outgoing with unfamiliar people.
- Become more outgoing with unfamiliar people, in the safe context of their setting.
- Begin to understand how others might be feeling. □ Talk about their feelings using words like 'happy', 'sad', 'angry' or 'worried'.

***See LTP for Maths and Literacy objectives covered**