

**This interest-led project teaches children about the technology that is part of their daily lives and how machines help us. The project gives children the opportunity to build and create marvellous machines.**

### Knowledge and understanding of the world

#### Your child will be exploring:

- How do machines help us?
- What machines do you use at home?
- What machines do you have in your kitchen?
- What job does a microwave do?
- How to stay safe online and use technology safely and respectfully with support from adults.
- Different materials are suitable for different purposes, such as construction kits for modelling and ingredients for baking

### Personal, Social and Emotional Development (PSED)

Give focused attention to what the teacher says, responding appropriately even when engaged in activity, and show an ability to follow instructions involving several ideas or actions. Can the children listen to each other?

- Do they cooperate and take turns?
- Do they share the resources?
- Do they make up rules and commands for the game?

### PSHE- Relationships

The children will be learning about respectful friendships. They will also be looking at how we celebrate each other's differences.

### English

**Communication and language:** The children will express their ideas and feelings about their experiences using full sentences, including use of past, present and future tenses as well as making use of conjunctions with modelling and describe events using some detail. We will continue with 'Show and Tell' to promote good speaking and listening skills. Children will bring in something once a week to show to the class.

**Writing:** This term we will be focusing on forming letters correctly and writing small words and labels. This will be taught through the Read, Write, Inc Scheme.

The children will be taught in smaller groups to ensure good progress for every child. Children will be taught to write simple words, phrases and sentences that can be read by others.

**Reading:** This half term we will be exploring a wide range of books to support and enhance our topic. There will be opportunities for children to read and access a range of texts relating to their topic as well as participate in daily story time. The children will demonstrate an understanding of what has been read to them by retelling stories and narratives using their own words and newly introduced vocabulary.

**Phonics:** Daily phonics sessions will be delivered through the Read, Write, Inc programme. This term we will be continuing to learn to read and write set 1 sounds. Each sound has a rhyme for the children to say when writing it to ensure correct formation. The sounds we have covered and are yet to cover:

m,a,s,d,t,l,n,p,g,o,c,k,u,b,f,e,l,h,r,j,v,x,y,w,z,sh,th,ch,qu,ng,nk

### Maths

In maths we will be counting objects, actions and sounds, linking quantities to numerals, counting to 10 and beyond, and begin to understand the one more and one less than relationship between consecutive numbers using concrete objects, pictorial representations and number lines.

### RE

In RE, we will be exploring the beliefs of Christianity. The children will enjoy finding out about how and why Christians celebrate Christmas. We will be acting out the Christmas story in our Reception Nativity 'The Twinkly Nativity'.

### Physical

PE is a priority in school and children will regularly participate in 'active bursts' throughout their school day with 'Wake up Shake up', 'Jump Start Jonny' and the daily mile. Our PE days will be on a **Wednesday and Friday**. We will continue to concentrate on developing fine motor skills so children can use a range of tools competently, safely and confidently. Suggested tools: pencils for drawing and writing, paintbrushes, scissors, knives, forks and spoons.

### Home Learning

Links to the sounds we have been learning in class each week will be shared on class dojo. This will reinforce the lessons we have taught in class. Homework will be sent home on a Friday and should be returned to school the following Wednesday.



**Reading:** The school library is up and running. After half term your child will continue to bring a library book home on a Friday to be returned the following week along with reading books and homework.

### Key vocabulary

Explore these words together. Talk with an adult about what each word means and use the words in a sentence or as you play.



aeroplane



battery



boat



bus



car



device



digger



electric



engine



helicopter



lorry



machine



mechanic



robot



torch



toy



transport



vehicle

## A Note from the Teacher

Useful websites to help support your child's learning at home:

Numbots  
Purple Mash  
ICT Games  
TopMarks

We hope you enjoy this topic as much as we do!  
Thank you for your support during your child's learning journey at Browney Academy! It has been a pleasure to teach your child this half term, I am thoroughly enjoying getting to know each and every child in Reception!

Mrs Coughlin



Curriculum Information

Reception

Autumn 2



# Marvellous Machines

