

Marvellous Machines



Read through the activities with your child. You can do all of the activities or choose the ones that they find the most interesting.

Activities

1. Go on a machine hunt around your home. Tick the machines you find and list other machines you have in your home.



kettle



lamp



laptop



smartphone



television



toaster



vacuum
cleaner



washing
machine

Machines in my home

2. Look at a tablet, laptop, computer or smartphone. Talk about the different ways you use the device. Find out how other people at home use the device.

How do you use the device?

How do other people use the device?

3. Use graphics software to create a picture. You could also visit the Make & Colour section of the CBeebies website. Add a copy of the picture in the box below.

My digital artwork

4. Vehicles are machines. Vehicles are used to transport people and goods. Look at these forms of transport. Use construction kits or junk modelling materials to make a vehicle. Add a picture of your vehicle below and label its parts.



aeroplane



boat



bus



car



helicopter



motorbike



tractor



train

My vehicle

A large empty rectangular box for drawing and labeling a custom vehicle.

5. Machines change over time. Match the old machines to their modern versions.

old



new



- 6.** Machines need to be powered by electricity. Batteries are a source of electric power. Find, then list or draw, machines and toys that use batteries.

Machines and toys that use batteries

- 7.** Some materials are magnetic, which means that they are pulled towards (attracted to) a magnet. Use a magnet to find magnetic and non-magnetic materials and objects in your home and list them below.

Magnetic materials and objects

Non-magnetic materials and objects

- 8.** Think about the machines you use every day and how they help you. Imagine that you could design a machine to do a job. What job would you like your machine to do and how would you like it to look? Design and label your machine below.

My machine



9. Finish your home learning by explaining to an adult what you have learned about machines.

What machines do you have in your home?

What machines do you use outside your home?

How do machines help us?

Which machines use batteries to make them work?

Useful websites

NSPCC – Talking to your child about online safety

Childnet – Keeping under fives safe online

CBeebies – Make & Colour

Good reads

Title	Author	ISBN
Chicken Clicking	Jeanne Willis	9781783441617
What Do Machines Do All Day?	Jo Nelson	9781786034656
Car, Car, Truck, Jeep	Katrina Charman	9781408864968
Mrs Armitage, Queen of the Road	Quentin Blake	9780099434245
No-Bot, the Robot with No Bottom	Sue Hendra and Paul Linnet	9780857074454