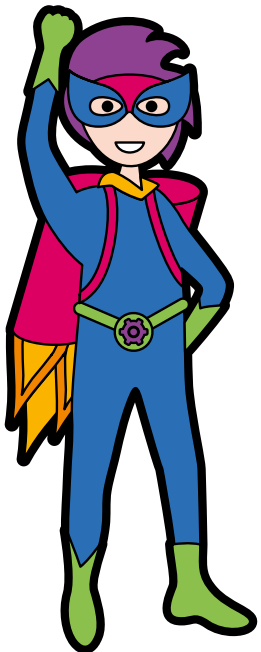


# SUPERHERO SCIENCE

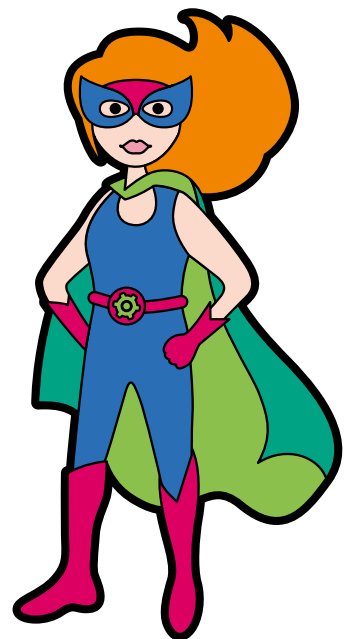
## MUSEUM CHALLENGE!

# HELP!

**HELP!** The Museum is under threat! Evil Professor Chamberpot is trying to take over and spoil our fun. Only you can save us...



Become a Science Superhero by finding amazing objects and discovering how technology can give us *all* superpowers!



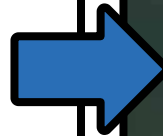
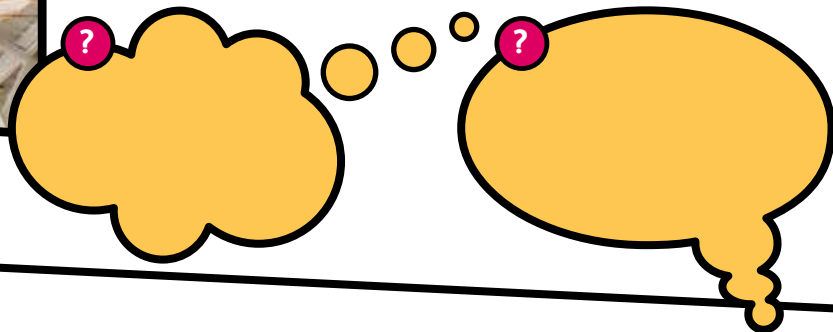
Start on any level and complete them all to Level Up!



Go to **ENQUIRE** and look across.

Flying's a really useful skill for a Superhero – especially when you need to make a quick getaway! Percy Pilcher's Hawk glider, built in 1896, is Britain's oldest surviving aircraft.

What is it made of and who helped Percy Pilcher build it?

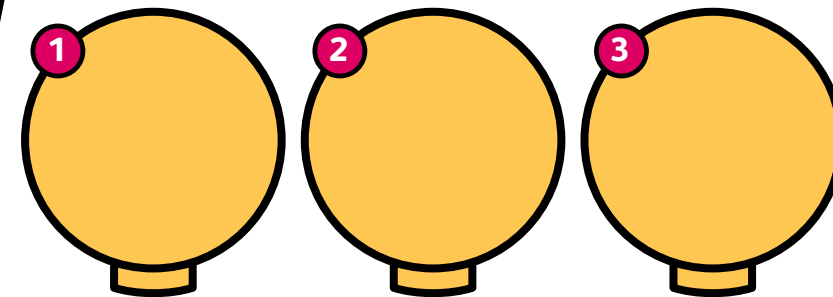


Get ready to enter **ENERGISE** with the help of our Plasma Ball.

By putting your hand over the glass you can safely control the movement of electricity and give yourself a power boost.

We use lots of electricity so scientists are looking at renewable energy as a way to power our lifestyles.

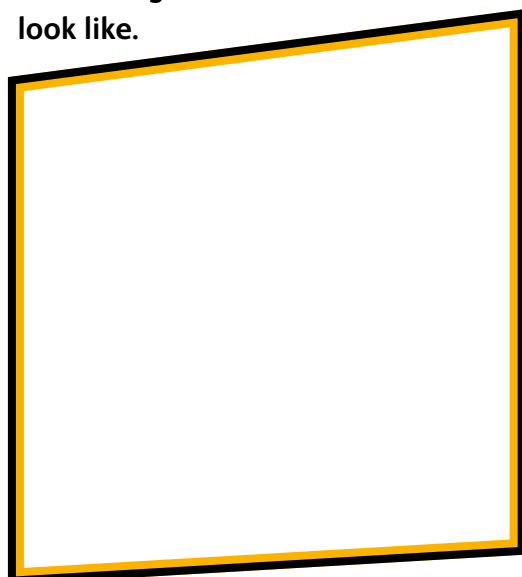
In the Energise gallery, find three types of renewable energy.



LEVEL 5

LEVEL UP!

Draw what you think a super computer of the future might look like.



Welcome to **COMMUNICATE**

Time is running out .... we *really* need to speed up!

Although our brains are brilliant at processing information quickly, computers can help us do this even faster!

List 3 ways in which computers have changed in the last 30 years.

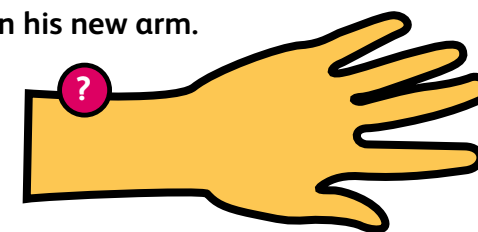
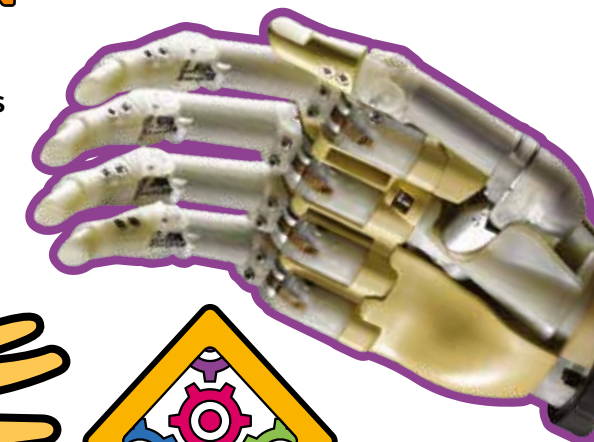


You have reached **TECHNOLOGY BY DESIGN**

Professor Chamberpot is gaining on us, you need to be at your fittest. Many superheroes have specially made body parts to give them extra strength. Scientists have designed some amazing prosthetic limbs.

Head to the touchscreen to see Iron Man help a young Superhero try on his new arm.

Scientists in Scotland have been leaders in this technology for many years. In what year was the Simpson Series 1 limb released?

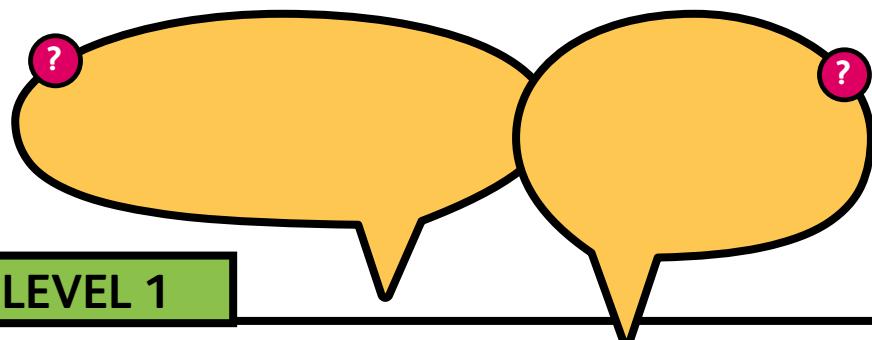


LEVEL 3

Welcome to **EXPLORE**

Find our massive Boulton and Watt Engine and pick up some super strength from this mighty machine!

In what year did Scottish inventor James Watt design the engine and what is it powered by?



Every Superhero needs a special outfit in order to survive in extreme environments. Space is the most extreme of all ... the **FINAL FRONTIER!**

Name 4 things a space suit can help you to do.



LEVEL 1



Now you have gathered your superpowers it's almost time for the final showdown with Professor Chamberpot!

Explore the galleries and choose another super science object that might be useful.

? My object is ...

? I have chosen it because ...

## LET THE BATTLE COMMENCE ...



## CONGRATULATIONS!

You have saved the museum and proved yourself as a Science Superhero.

Design your own Superhero costume and keep saving the world!

