



We use batteries to give power to lots of different things, from toys to torches to TV remote controls.

But what do you do with them when they run out of energy?

If you usually throw them in the rubbish bin...
...think again!

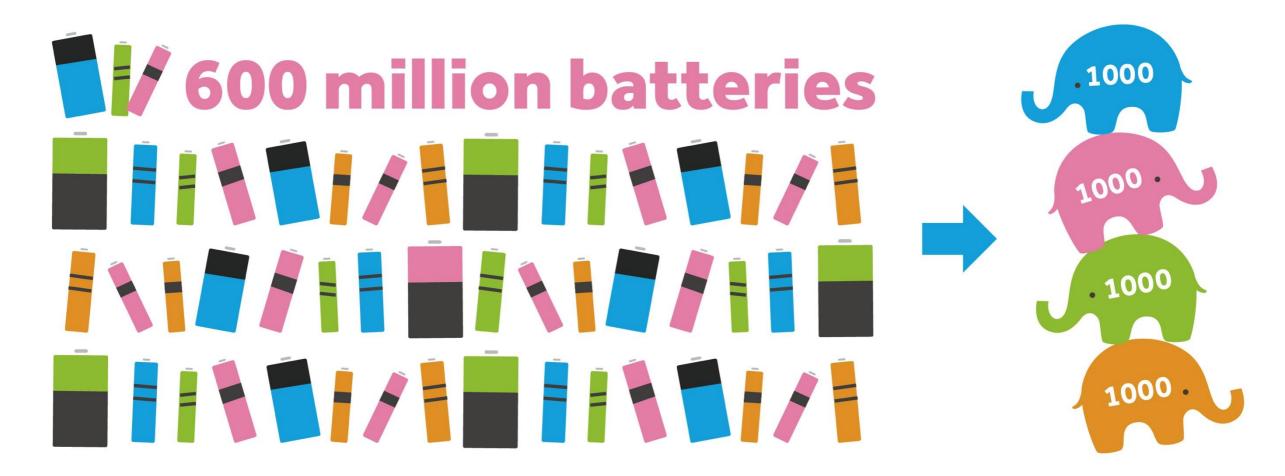




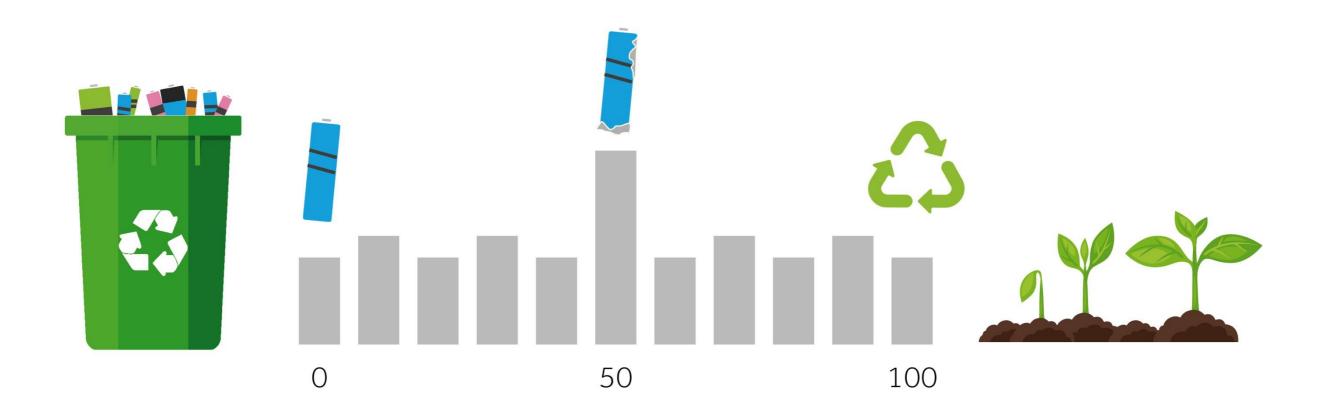
#### Did you know?

Each year, we throw away about 600 million batteries.

Over 20,000 tonnes of batteries end up in landfill sites – that's as heavy as 4,000 elephants!



It can take batteries 100 years to decompose (break down and disappear).



Batteries contain chemicals that can pollute the soil and water, which animals and plants rely on to survive.



Stop!
There's another choice.

Instead of throwing your batteries away, why not do something amazing?

#### You've probably heard about recycling.

Recycling is about changing the things we've used, and don't need anymore, into new things.

Recycling helps the environment in two ways. It reduces the amount of rubbish going to landfill, and it also saves energy.

#### Did you know?

Recycling one drink can save enough energy to run a TV for four hours



#### What can we recycle?

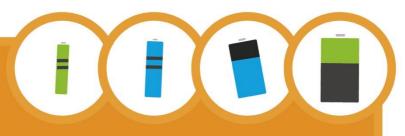
Metals can be recycled many times and used to make all sorts of metal products.

Paper can be mixed with water and mashed into a soggy pulp, which can then be used to make new paper.

Plastic can be melted down and made into toys, bottles or even T-shirts.

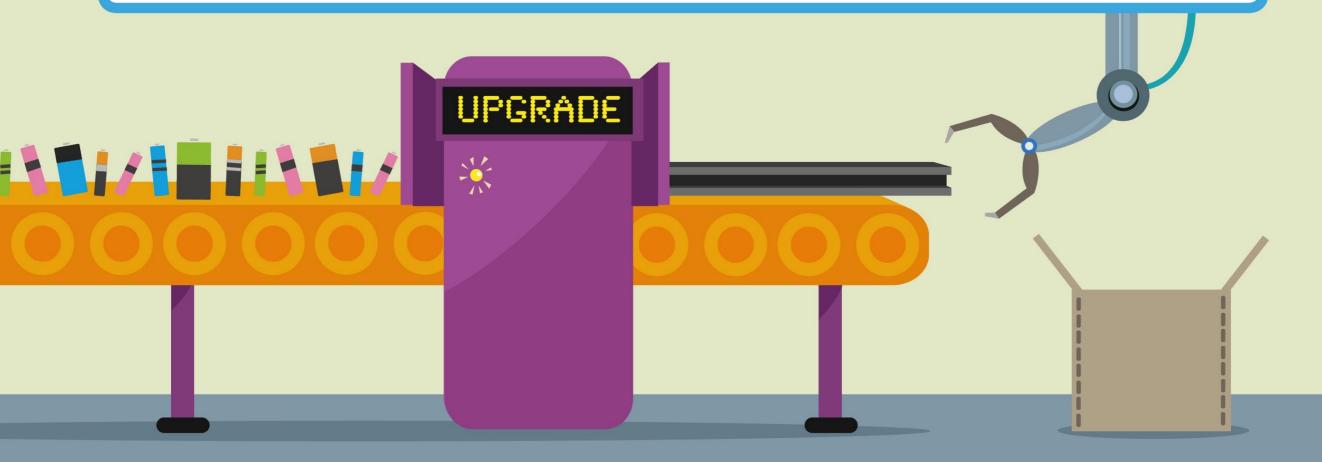
Glass can be melted down and made into new jars, vases or windows.

And **batteries** can be recycled too!



#### Why recycle batteries?

Recycling batteries not only means they don't end up in landfill sites, it also provides useful materials, such as the metals steel, zinc and manganese.



Steel is a very strong metal, used in construction.

So your recycled battery might end up as part of a new skyscraper!

Hi, I used to be inside your TV remote control!





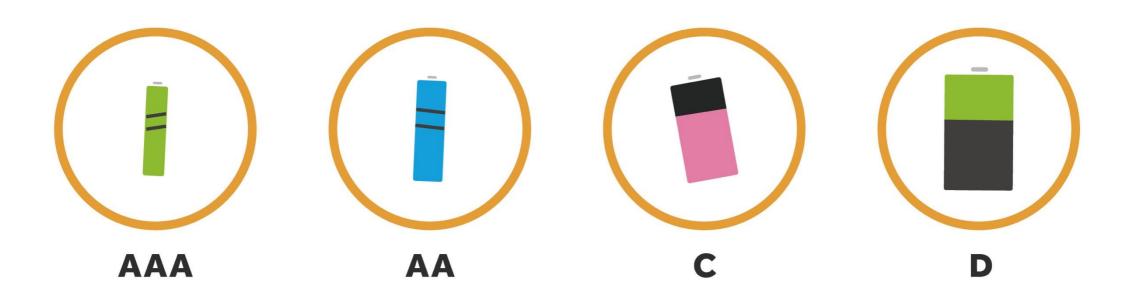
#### Your challenge!

- 1 Collect as many used batteries as possible.
- Put them in your Battery Collection Box.
- Carry out the fun maths tasks in your Activity Booklet.
- Return your competition slip to your teacher for a chance to win some great prizes!

This is your chance to become a battery recycling champion!

#### Which batteries can we recycle?

Only collect these types of battery:



They will have been used in things like: TV remote control, toys, torches, scales



### Stay safe!

Always seek an adult's guidance before handling batteries.

Remember...

Only collect batteries that have completely run out of power.



# Schools are already recycling their batteries – Can you do better?

A pupil in Leicestershire recruited her local police force in order to help her collect over **300 batteries**.



A pupil in Milton
Keynes collected over **600 batteries** singlehandedly, as a result
of putting posters up
around her village

4 classes at a school in County Durham collected over **11,000** batteries

Remember, every battery counts.

Now it's your turn!



## Thank you!

