

POWER POSITIVITY...

BATTERIES FOR BARRETSTOWN

School Challenge

Quiz

Test your recycling knowledge

Questions

Where can I put used batteries?

- A. A drawer
- B. A recycling bin
- C. A waste bin
- D. A Batteries for Barretstown tube

The New EU Batteries Regulation sets ambitious targets for portable batteries with a collection rate of:

73% by the end of 2030

- True False

What % of portable batteries did ERP collect in 2022?

- A. 56%
- B. 48%
- C. All batteries placed on the market

What types of batteries can be recycled?

- A. AA, AAA, D cell, C cell, 9V and button cell batteries
- B. Laptop batteries and mobile phone batteries
- C. Car batteries
- D. All of the above

What happens to batteries when they are recycled?

- A. They are taken apart and reused for products like cars, roads and new batteries
- B. They end up in landfill
- C. They are forgotten about

What are batteries made from?

- A. Cadmium and Nickel
- B. Zinc and Lead
- C. Mercury and Silver
- D. All of the above

Should I put my full battery recycling bag into the collection tube?

- A. Yes
- B. No - empty the batteries into the tube and reuse the bag again

How are batteries processed?
Arrange in the right order:

1. The different metals can then be recovered using different processes.
2. Batteries are then shredded.
3. Batteries are sorted according to the metals they contain.
4. Steel and black mass are then heated to over 1000 degrees centigrade in separate furnaces.
5. The steel casings are separated from the battery core, which is called black mass, using strong magnets.

To List 5 items that are powered by batteries?

1. _____
2. _____
3. _____
4. _____
5. _____



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Answers

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True

What % of portable batteries did ERP collect in 2022?

B. 48%

What types of batteries can be recycled?

- D. All of the above

What happens to batteries when they are recycled?

- A. They are taken apart and reused for products like cars, roads and new batteries

What are batteries made from?

- D. All of the above

Should I put my full battery recycling bag into the collection tube?

- B. No - empty the batteries into the tube and reuse the bag again

**How are batteries processed?
Arrange in the right order:**

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2. Batteries are then shredded.
3. The steel casings are separated from the battery core, which is called black mass, using strong magnets.
4. Steel and black mass are then heated to over 1000 degrees centigrade in separate furnaces.
5. The different metals can then be recovered using different processes.

