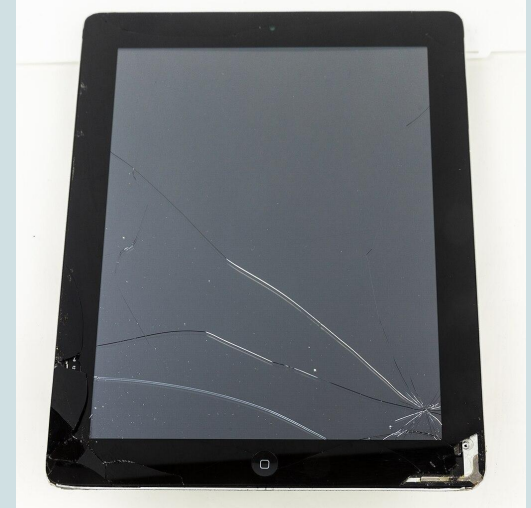


# Explore The Life (and Afterlife) of Batteries



# Learning Intention

We are investigating how different types of batteries can become dangerous when misused or disposed of improperly by observing, collecting, and organizing evidence.

# **I know that I'm on track if I can...**

- ❑ I can observe and record evidence from battery investigations.**
- ❑ I can identify patterns in when batteries become dangerous.**
- ❑ I can collect and organize data to use later.**

# Student Research

## Compare & Collect Evidence Across Battery Types

- Students research
  - i. button battery risks
  - ii. lithium-ion battery risks
- Sort evidence into:
  - i. injury risk
  - ii. fire risk
  - iii. environmental risk
- Organize observations into tables or charts

# Student Research

Students are given:

Teacher-curated evidence gathering.

- A slide or image showing button battery injuries
- A short paragraph or image about lithium-ion battery fires
- A statistic (ex: “80% of e-waste is improperly disposed of”)
- A screenshot or summary from Xplorlabs

Students rotate through stations or slides.

Student task (written in journal or worksheet)

For each source, students answer:

- What battery type is involved?
- What happened?
- What evidence shows this is dangerous?

## Essential Question

**What conditions seem to make batteries more dangerous?**

# For more information...

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