



## SfS Away from the Classroom!

### T05: e-Trashing our Future (Recommended for Grades 3-8)

Please use the following resources to learn about e-waste.

**Watch these Videos:**

<https://www.youtube.com/watch?v=USuY93sovuM> and <https://www.youtube.com/watch?v=WzR79Wv2oJA>

**Answer these questions:**

- What is e-waste?
- Why shouldn't you just keep your old phone in a drawer?
- What are the dangers of e-waste?

**Activities:** Follow these directions to see the materials inside your own e-waste.

You will need:

<ul style="list-style-type: none"><li>• Broken piece of e-waste (old phone, toy, keyboard, etc)</li></ul>	<ul style="list-style-type: none"><li>• Screw driver</li></ul>	<ul style="list-style-type: none"><li>• Paper</li></ul>
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1. Unscrew the screws that hold your e-waste together.
  - a. **Do not** touch any of the materials inside your device. Only observe the inside.
2. Make a list of all the stuff your e-waste is made of.
  - a. Can you find wood? Plastic? What kinds of metal do you see? Is there anything there you can't classify?

To recycle your electronic waste responsibly, check out this website! This recycler has been certified to not be shipping devices overseas. They recycle all of the e-waste they receive with proper safety equipment here in the states: <http://e-stewards.org/find-a-recycler/>

**Make observations & use Claims, Evidence, and Reasoning!**

1. **Claim:** e-waste is challenging to recycle because it's made of many different materials.
  - **Evidence:**
  - **Reasoning:**
2. **Claim:** Some of the materials in e-waste are very small and hard to remove.
  - **Evidence:**
  - **Reasoning:**

