

Waste

Sustainability Strategy Ideas

- μ Organize a bring and buy sale, either digitally or face to face, in which people can exchange items they no longer need.
- μ Determine how much waste your school or group generates and where it goes. Design a project to start or expand school or group-wide recycling and composting efforts.
- μ Have a clothing bank for uniforms or other clothing.
- μ Have a tools library and re-share/ re-use with your classmates' tools that you don't use anymore, but it is still in a good condition to use.
- μ Start an up-cycling club.
- μ Contact your STEAM Mentor to discuss additional waste reduction strategies.

Introduction Activity

We recommend consulting the Waste resources from the [Butterfly Effect](#) primary program for ideas on how to explore this topic.

Additionally, you could introduce the theme using this short activity:

<p>Activity</p>	<p>Ask each member of the group to consider the items they would need to:</p> <ul style="list-style-type: none"> μ Put up a shelf μ Get ready for a formal event μ Go for a hike <p>Which, of these items, would you need to buy new for a single-use and which could be:</p> <ul style="list-style-type: none"> μ Re-used μ Borrowed μ Bought second-hand
<p>Resources</p>	<p>Pens and Paper</p>
<p>Discussion Points</p>	<ul style="list-style-type: none"> μ How could they apply this thought process to other aspects of their lives? μ What systems or infrastructure could be put in place to make it easier to avoid single-use items? μ What are the pros and cons of ownership of items?

Careers Information

Below is a list of job roles associated with waste. Use internet search results, and [Jacobs.com](https://www.jacobs.com), to research each job title and find out what they do!

Additionally, here is a pre-recorded video from a professional at Jacobs that can provide more insight into a plastic-related job:

μ [Waste and Materials](#)

Job Titles

- μ Solid Waste Engineer
- μ Waste Solutions Manager
- μ Waste Management Consultant
- μ Waste and Materials Professional
- μ Hazardous Waste Specialist
- μ Environmental Management Consultant
- μ Wastewater Technician
- μ Corrosion Specialist
- μ Nuclear Decommissioning Engineer