

Waste

Sustainability Strategy Ideas

- Organize a bring and buy sale, either digitally or face to face, in which people can exchange items they no longer need.
- 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.
- Have a clothing bank for uniforms or other clothing.
- 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.
- Start an up-cycling club.
- 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"> ▪ Put up a shelf ▪ Get ready for a formal event ▪ 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"> ▪ Re-used ▪ Borrowed ▪ Bought second-hand
<p>Resources</p>	<p>Pens and Paper</p>
<p>Discussion Points</p>	<ul style="list-style-type: none"> ▪ How could they apply this thought process to other aspects of their lives? ▪ What systems or infrastructure could be put in place to make it easier to avoid single-use items? ▪ 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:

- [Waste and Materials](#)

Job Titles

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

