

Instructions

- Choose an appropriate set of waste cards for your situation:
 - **Set A:** 15 cards, typical lunch waste, ideal for younger participants or when time is limited
 - **Set B:** 8 cards, expanded waste items found in schools, ideal for older participants, add to or mix with Set A when time is not limited
- The back of each card is labelled with the item name and Set A or B.

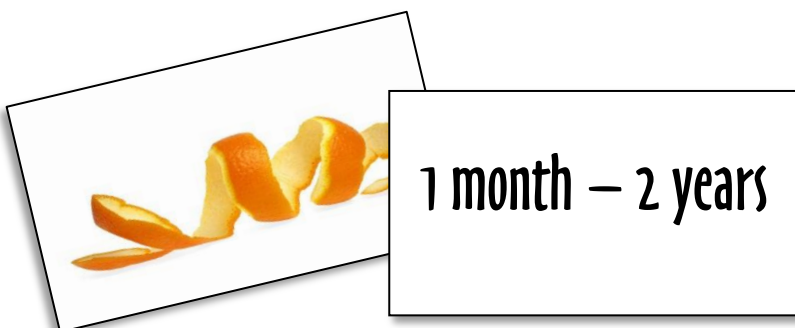
Contents

- 27 item cards
- 27 timeline cards
- 4 bin cards
- Instruction/ Quick Answer Sheet
- Waste Timeline (Long Answer Sheet)
- Glossary

Timeline

Determine the amount of time for waste to break down into simple elements or compounds that can be returned to the atmosphere, water and/or soil by **matching each item card to a time card**. It is a one-to-one match!

The time card may have two times on it; the first represents the approximate degradation / decomposition times under ideal conditions. The second time represents the approximate under non-ideal conditions, e.g., landfill.



Sorting

Using the same waste item cards, sort items into their proper waste stream, e.g., recycling, organics, landfill or a special recovery program.



Quick Answers

Set A

Waste Item	Waste Type * Time to decompose or degrade
Aluminum Can	Recycling- Can * > 1 million years
Apple Core	Organic * 2 - 6 months
Banana Peel/ Orange Peel	Organic * 1 month - 2 years
Chip Bag	Landfill * >1 million years
Cling Wrap	Landfill * > 450 years
Glass Jar	Recycling * > 1 million years
Juice Bag (e.g., Kool Aid Jammers)	Landfill * > 1 million years
Juice Box	Recycling * 5 - 300 years
Milk Carton	Recycling * 5 years
Paper Towel	Organic * 2 - 4 weeks
Plastic Bag	Recycling * 1 year - 1 million years
Plastic Water Bottle/ Plastic Utensils	Recycling Landfill- Black Plastic * 450 years
Polypropylene Straws	Landfill * 200 - 450 years
Popsicle Stick	Landfill * 2 - 5 years
Yogurt Cups (Polystyrene)	Recycling - When clean * 500 - > 1 million years

Set B

Waste Item	Waste Type * Time to decompose or degrade
Aluminum Foil	Landfill - Foil * > 1 million years
Batteries	Specialized Recovery * 100 - 1 million years
Disposable Coffee Cup	Landfill * 2 months -20 years
Electronics (e.g., Cell Phones)	Specialized Recovery * > 1 million years
Ink Cartridges	Specialized Recovery * 450 years - > 1000 years
Polystyrene Foam Bowl	Recycling * 500 - > 1 million years
Soiled Paper	Recycling - Clean / Organic- Soiled * 5 - >20 years
Tea Bag	Organic Landfill-Nylon * 2 - 6 months

