



## Week 2: Too Much Waste

### Litter Monsters

Complete?

**What?** We are going to customise our own litter pickers, turn them into Litter Monsters and use them to pick up litter around our local area.

**Why?** Litter looks horrible, it can contaminate the environment and be dangerous for wildlife.

**How?**

1. Choose a shape for you litter monster and plan how you would like it to look.
2. Paint your monster's head and wait for it to dry.
3. Attach the head onto the litter picker.
4. Use your finished litter picker to collect litter in the local area.

**Next** Bring some friends along to help next time.

### Junk Model

Complete?

**What?** We are going to reuse some of our old rubbish to make a junk model.

**Why?** By reusing our old rubbish we are preventing it ending up in landfill.

**How?**

1. Look at the available junk.
2. Sketch out a design of what you would like to create.
3. Build it!

**Next** Can you make a junk present for somebody too? Think about things they like first!

## Charity Toy Sale

Complete?

**What?** We are going to rehome some of our old things and raise money for charity at the same time.

**Why?** Rehoming old toys ensures less waste is sent to landfill and gives other children the opportunity to have new toys. Encouraging charity donations at the same time means we can also help raise money for the babies at the Oliver Fisher Neonatal Unit.

**How?**

1. Choose which old toys you would like to donate.
2. Choose a date and create a poster to advertise the event.
3. Ask a grown-up to share the poster online with the local community.
4. Display the toys outside for people to rehome in exchange for a charity donation.

**Next** Can you make a junk present for somebody too? Think about things they like first!



## Recycling Game

Complete?

- What?** We are going to make an animation using ScratchJr to inform people which bin to use for different types of rubbish.
- Why?** To ensure that the correct items are put into the recycling and rubbish bins so no extra waste ends up in landfill sites.
- How?**
1. Create the layout for your game in ScratchJr.
  2. Add the programming blocks to enable the player to tap on all the items on the screen that are recyclable.
  3. Add feedback so the player knows if they have tapped the right items.
  4. Add a new level where the player will tap on non-recyclable items.
- Next** Add instructions to your levels so the player knows what to do. Can you add another level to sort compostable waste too? How about a title screen as well?

## Compost Pile

Complete?

**What?** We are going to build a small compost pile in the garden.

**Why?** Compostable waste breaks down more slowly if it ends up in landfill as it gets trapped underground. If composted properly it can be used to help new plants grow.

**How?**

1. Find a suitable container that is open at the bottom for the compost.
2. Add waste in layers:
  - Nitrogen (green) waste – non-meat food waste, leaves, grass and plant cuttings.
  - Carbon (brown) waste – shredded card and paper, wood, dryer lint, leaves.
3. Keep the compost moist and rotate every couple of weeks.

**Next** It will take a while before you have some usable compost, keep an eye on your compost pile and keep adding waste to it regularly.



## Recycling Bins

Complete?

**What?** We are going to write a letter to the local council to request they install recycling bins in local parks.

**Why?** The rubbish bins in the park are often overflowing, this causes litter and endangers local wildlife when it falls out. Additionally, much of the rubbish could be recycled if it was separated when thrown away. Sadly it will all go to landfill instead.

**How?**

1. Write a letter with a grown-up to:
  - Identify the problem
  - Provide evidence of the issue by taking a photo of an overflowing bin in the local park.
  - Explain the problem and identify a solution (recycling bins).

**Next** Post the letter and await a reply! Let's watch a video to find out how your letter will be sent!

## Other Activities

- Recycling themed colouring sheets.
- Create a poster to explain why recycling is important.
- Create an animation using Stop Motion Studio to encourage people to recycle.
- Watch a programme on iPlayer about how a recycling centre works.