

# Design & Make a Pedal Bin

We have a problem!



## Explore

- Explore the pedal bin. How does it work? What force is used to raise the lid?
- What materials are used in creating it?

## Plan

- Draw out your design. Consider what materials you will use to create your bin.
- What mechanism will you use to lift the lid?

## Make

- What possible materials could you use?
- Will you have to adapt your design as you work?

## Evaluate

- Evaluate your prototype. Can you open the lid without touching it? Does it include an insert for lifting rubbish out?
- Are there any improvements you could make?