

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

We are learning about weight.

How to Set up the Challenge

- Fill two shopping bags, one with many small items and the other with one or two larger empty or light boxes. Do not tell your child that the boxes are empty.
- Show your child the two bags and ask them to look inside without touching.
- Ask your child to predict which bag they think will be the heaviest and why.
- Allow your child to pick up the two shopping bags and ask them to show which bag is heaviest by moving their arms like weighing scales.
- Repeat this activity using a different combination of items.

How to Get Your Child Thinking

Try asking questions, such as:

- Why have you made that prediction?
- Are large things always heavy? Are small things always light?
- Can you think of an example of a small heavy object?
- Can you show me which one is heaviest using your body?

Ask your child to fill shopping bags by themselves for you to predict which one is the heaviest or lightest. Take other household items and make predictions about their weights using your hands.



Weight



- There are many things in this bag. Will that make it heavy or light?
- This object is large. Do you think that makes it heavy or light?
- Which object do you think weighs the most and why?
- What have we found out today?