

Year 3 Maths Toolkit Activities - Weight

Activity 1 – Lighter or heavier than a kilogram

Activity Approach

- Groupwork

Resources

- Activity Sheet 3.1
- Picture cards showing photos of various objects
- 1 kilogram weight
- Whiteboard marker

Instructions

1. Each pupil takes turns to hold the 1 kilogram weight to feel how heavy it is.
2. Place the set of picture cards facing down in the middle of the desk.
3. Each pupil takes turns to pick a card and together with the group decides whether the object is lighter or heavier than a kilogram.
4. Tick lighter or heavier on the picture card.
5. Think of three objects lighter than a kilogram and three objects heavier than a kilogram and draw or list the items on Activity Sheet 3.1.

Vocabulary

- weight
- lighter
- heavier
- kilogram (kg)

Year 3 Maths Toolkit Activities - Weight

Activity 2 – At the supermarket

Activity Approach

- Groupwork

Resources

- Activity Sheet 3.2
- Various food products (weighing between 100g and 1kg)
- 100 gram weight
- Whiteboard marker

Instructions

1. Get a 100 gram weight to feel how heavy it is.
2. Look at the different food products. Each product has a label covering its weight.
3. Choose a product and estimate how heavy it is by deciding how many 100 g weights you would need to make up its weight.
4. On Activity Sheet 3.2, draw the number of 100 g weights needed.
5. Uncover the weight printed on each product and fill in the real weight in the second column on Activity Sheet 3.2.
6. Put the products' weights in order starting from the lightest to the heaviest.

Vocabulary

- weight
- estimate
- compare
- lightest
- heaviest
- grams (g)

Year 3 Maths Toolkit Activities - Weight

Activity 3 – Fruit and vegetables

Activity Approach

- Groupwork

Resources

- Activity Sheet 3.3
- 1 kilogram weight
- Kitchen scales
- Various fruits and vegetables
- Whiteboard marker

Vocabulary

- kilogram (kg)
- estimate
- about
- measure
- weigh
- lighter
- heavier
- scales

Instructions

1. Hold a 1 kilogram weight to feel how heavy it is.
2. Estimate how many of each food item weighs about 1 kilogram.
3. Fill in the details in the first column on Activity Sheet 3.3.
4. Use the kitchen scales to make up 1 kilogram of each fruit and vegetable.
5. Fill in the details in the second column on Activity Sheet 3.3.
6. As a follow-up to this activity, write down how many fruit and vegetables are needed to make 2 kilograms.

Year 3 Maths Toolkit Activities - Weight

Activity 4 – Comparing weights

Activity Approach

- Groupwork

Resources

- Picture cards
- Activity Sheet 3.4a
- Activity Sheet 3.4b
- Whiteboard marker

Vocabulary

- lighter
- heavier
- kilogram
- compare
- scales

Instructions

1. Lay the picture cards facing down.
2. Choose a picture card, look at the scales and decide whether the fruits or vegetables shown are lighter or heavier than a kilogram.
3. Compare the weights of the fruit and vegetables by filling in the sentences on Activity Sheet 3.4a with the words *lighter* or *heavier*.
4. Look at Activity Sheet 3.4b and read the scales in order to write the weight of each item in kilograms.

Year 3 Maths Toolkit Activities - Weight

Activity 5 – Out and about

Activity Approach

- Groupwork

Resources

- Activity Sheet 3.5a
- Activity Sheet 3.5b
- Whiteboard marker

Instructions

1. Look at Activity Sheet 3.5a. The pictures show items which we usually carry in our outing bag when going on a field trip.
2. Each item has its weight shown underneath. Compare the weights of the different objects and answer the questions found on Activity Sheet 3.5b.
3. The teacher suggested that our outing bag should weigh not more than 1 kilogram.
4. On Activity Sheet 3.5b list down two possible combinations of items which total 1 kilogram. Use addition to make up 1 kilogram.

Vocabulary

- compare
- weight
- kilogram (kg)
- grams (g)
- total