

Workshop 1: Packing a Luggage – Mass

Resources: luggage scales, luggage, clothes, toys, laptop, towels, facecloth, brush, gel, soap, shampoo, socks, slipper, books, charger, sunblock, insect spray, empty bottle, lunch box.....

Task:

You need to pack your luggage for a 3 day holiday with your class. You are only allowed to carry with you a hand luggage with a maximum weight of 10kg. Remember that you cannot carry bottles containing more than 100ml of liquid in each one. The total amount of liquid allowed is 1 litre. The size of the luggage has to be not more than 50cm by 40cm by 20cm.

Workshop 2: Another and Another – Perimeter and Area

Resources: Squared Paper

50cm string

ruler

Task:

You are provided with a 50 cm long string with the ends tied. Use this string to make different rectangles.

Draw the shapes on squared paper that have a perimeter of exactly 50cm.

Draw another shape which also has a perimeter of exactly 50cm but which has a smaller area.

And another and another

Workshop 3: Nutrition Labels – Mass

Resources: Food Packaging

Task:

Use nutrition labels on the provided food packages to create problem-solving situations related to mass for your class.

You can:

- Focus on one product.
- Focus on different food items .
- Focus different types of the same products
e.g. different types of cereals.
- Focus on different sized packages of the same product.

Workshop 4: Lost Measuring Jug – Capacity

Resources: small water bottle, 1 litre bottle, medicine spoon, glass, yoghurt cup

Task:

You are provided with some of the recipes which family Abela plan to prepare for a party.

Create problem-solving situations for your class, keeping in mind that:

- 30 people are invited
- The family are missing a measuring jug but know the capacities of various other containers provided.