

Real life Maths

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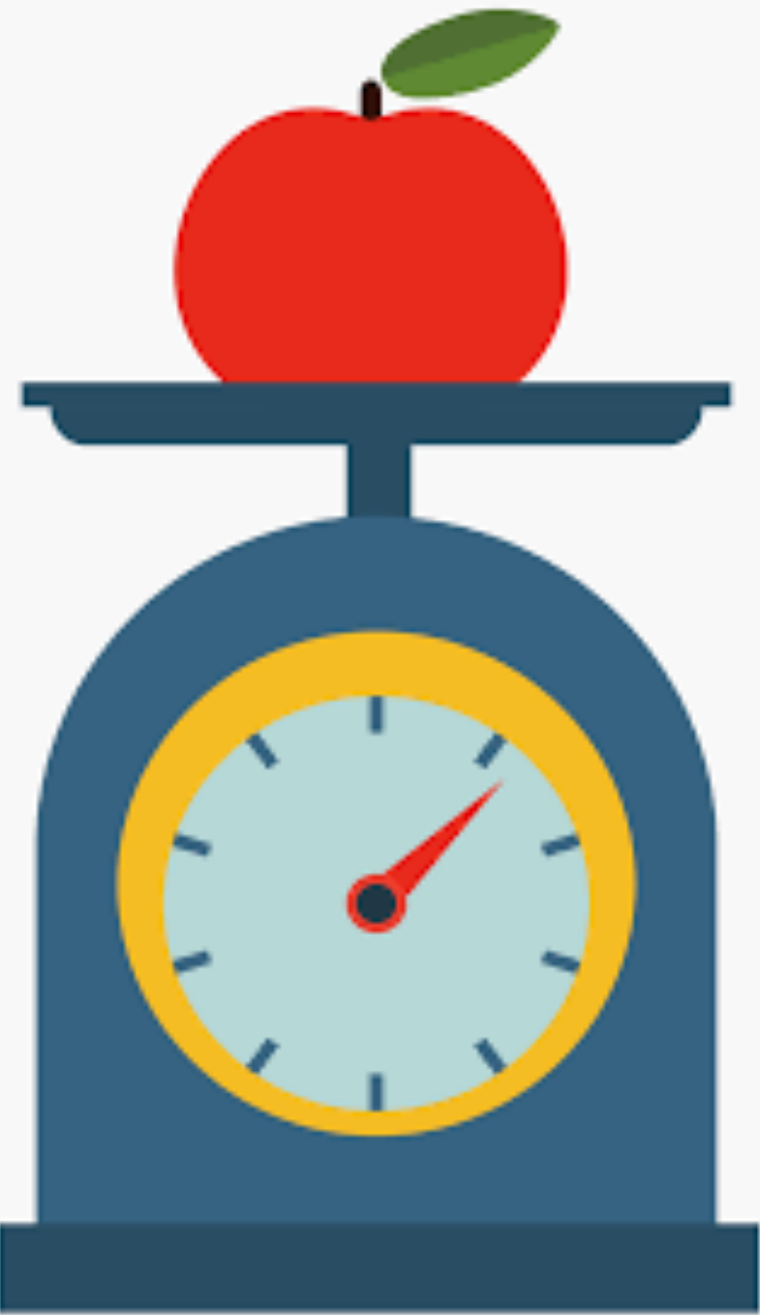


Irish Primary Teacher

Who is this pack for?

- This pack is to give some practical ideas for ‘real life’ maths at home.
- It is suitable for 3rd to 6th class children.
- It gives the basic ideas, but some adaptation may be needed to best suit your own children.
- I would recommend doing 1 topic over 3-4 days minimum.





Weight

Take a selection of items from the kitchen cupboard.

- Estimate which item is the heaviest/lightest
- Weigh the items
- Order them from the heaviest to the lightest
- Find the total weight of the objects
- Find the difference between the heaviest and the lightest object
- Convert from grams to kg
- Find something that is approximately 1kg.
- Bake and measure out the ingredients. Change the quantities for different amounts of people.





Capacity

Take a selection of liquids from the kitchen or bathroom cupboard.

- Order them – which bottle can hold the most? The least?
- Find the total capacity of the objects
- Measure the capacity of a range of cups, glasses, bowls that you have at home.
- Convert from ml to litres
- Find something that is approximately 1l.
- Create magic potions using different amounts of liquid. Measure out the different quantities before adding them all in.



Money

Take a range toys or clothes and give each item a different price.

- Order the items from most to least expensive.
- If I wanted to buy 5 of an item. What would the total cost be?
- Give a budget to redecorate a bedroom – look at the Ikea website and see what different items you could buy.

Using a packet of 3/4/5 items e.g. cereal bars/ socks/ t-shirts etc.

- If a pack of 5 costs €7.50. How much would 1 cost?
- Which is better value?





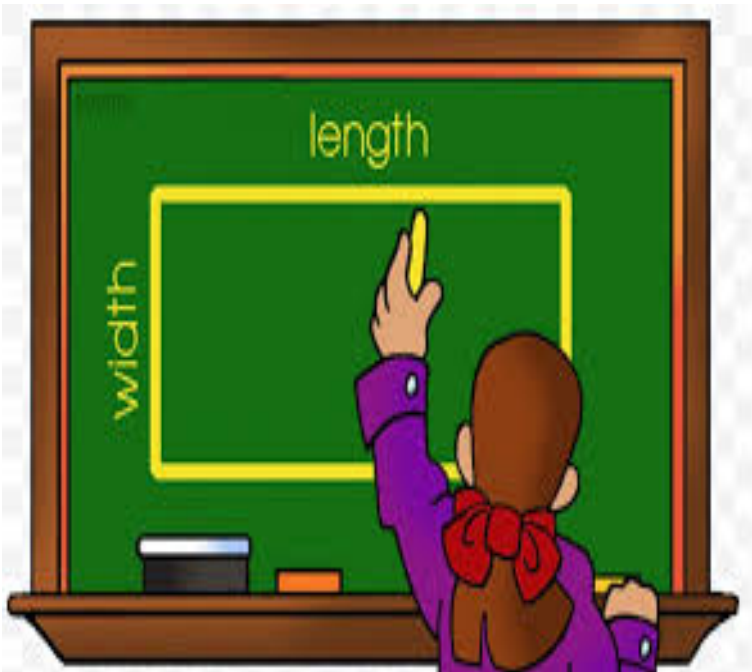
Length

Measure the length of a range of objects in the house using a ruler, measuring tape – whatever you have!

- Estimate the length of different objects
- Build different size towers using lego/blocks etc. Order them from tallest to smallest.
- Look up the Ikea website and investigate if a table of a certain length would fit in different areas around the house. (This can be expanded for area too)



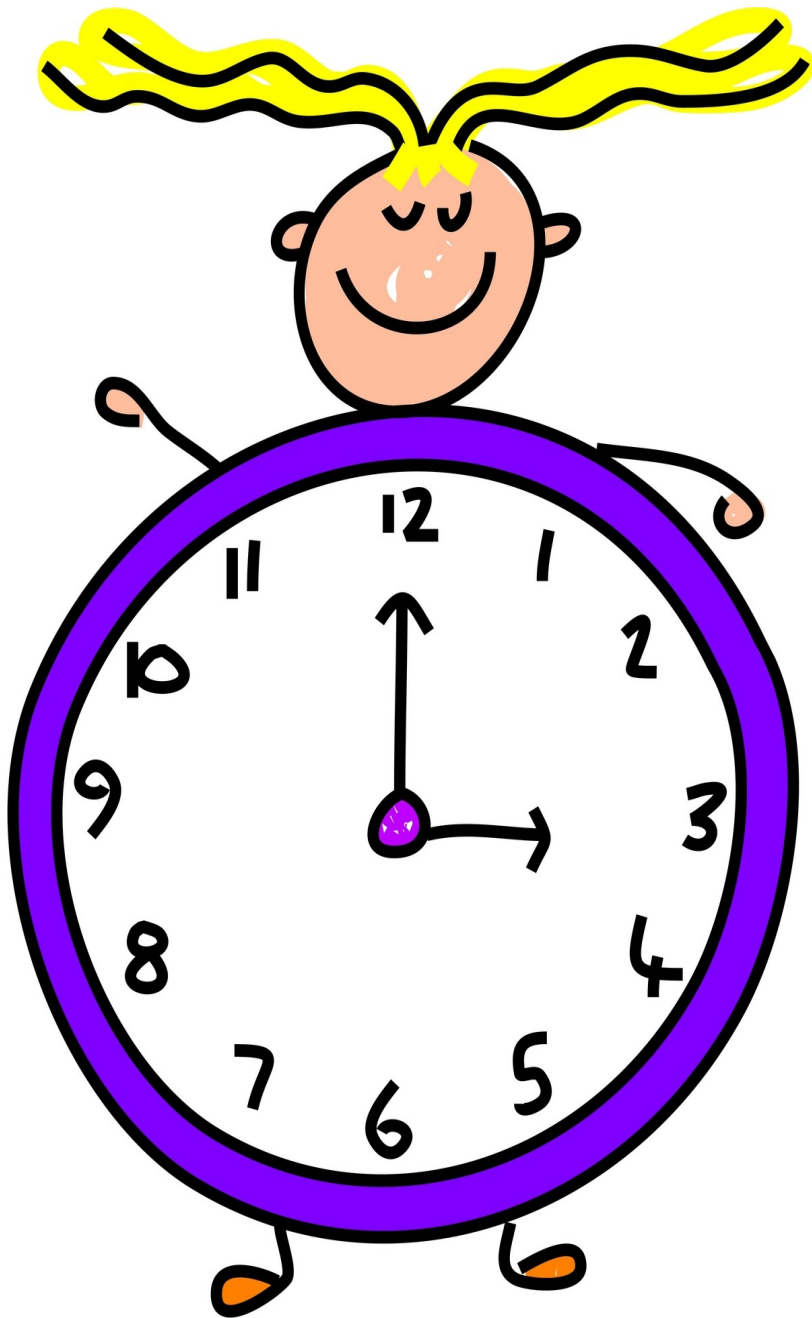
Area



Look at the rooms and walls in your house. Measure them and find the area. (Look at regular and irregular shapes)

- How much paint would we need to paint your bedroom walls? If paint was €26.42 for 10 litres. What would the total cost be?
- How much flooring would need to be ordered to cover the living room? If the flooring cost €32.80 per metre squared what would the total cost be?
- We want to get a landscaper to tidy up the garden. If he charges €18.72 per metre squared what would the total cost be?





Time

- Teach your child to tell the time.
- Make a clock using a paper plate or go outside and use a Hula Hoop and 2 sticks. (one for the minute and one for the hour hand). You could use pieces of paper with the numbers 1-12 on them too.
- Learn the days, months and seasons
- Learn how to read the calendar
- Look at magazines/newspapers – how long is your favourite programme on for? What time is the movie starting? What time will it be finished?



Chance

Look at the vocabulary of chance – possible, impossible, likely, unlikely. Ask your child to come up with different examples for each of these.



Test out probability using dice, playing cards, cubes or other random objects in a bag.

- Dice – what is the probability of rolling a 5? An even number? An odd number? A number less than 4?
- Cards – what is the probability of picking a heart? A number 7? A picture card? An even number?
- Objects in a bag – first start with 1 of each object. Then 2/3 of some and work out the probability of picking a red toy car etc.

