

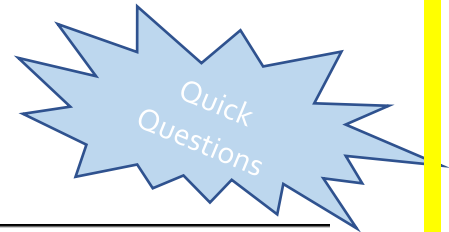
Good morning, Year 3!

It's our last Tuesday!

Make it a good one by being extra kind to everyone you speak to today.

Remember to try your best with the daily activities. Your daily tasks still include: Spellings (via Spelling Shed), MyMaths, TT.Rock Stars and SPAG.com.

# Maths



5 + 109

Grid for calculation with a blank box for the answer.

A shop sells cupcakes in **boxes of 8** and **boxes of 6**



Box of 8 cupcakes



Box of 6 cupcakes

Taylor bought **7 boxes of 6 cupcakes**

How many cupcakes did she get?

Leah bought some **boxes of 8 cupcakes**

Altogether she has **40 cupcakes**

How many **boxes of 8** did she buy?

60 × 2

Grid for calculation with a blank box for the answer.

Draw a 6cm line



[www.MyMaths.co.uk](http://www.MyMaths.co.uk)

Use the link above to head to the 'MyMaths' homepage. From there, use our school username and password to enter the site. To find your work, you will need to click 'my portal login' to enter your personal username and password. Your tasks should be under the homework tab. You'll find daily tasks set for the week so you can complete them at your own pace.

You'll find your worksheet below. Today's focus is comparing mass.

**1** Write heavier or lighter to complete the sentences.

a)



The apple is \_\_\_\_\_ than the orange.

The orange is \_\_\_\_\_ than the apple.

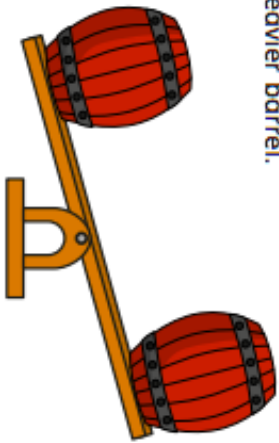
b)



The ball is \_\_\_\_\_ than the bat.

The bat is \_\_\_\_\_ than the ball.

**2** a) Tick the heavier barrel.



b) Tick the lighter crate.



c) What can you say about the mass of the two crates?



**3** The mass of a tin and a book is shown.



Scott puts the tin and book on the scales.

One side of the scales goes down.

Draw the book and the tin on the scales to show this.



- 4 The scales show that 2 cubes balance 6 spheres.



Tommy is removing shapes to see what happens to the scales.

Tick the correct image in each part.

a)



b)



c)



Talk about your answers with a partner.

- 5 Circle the greater mass in each pair.



- 6 Three weights are shown on the scales.



Write the weights in order, starting with the lightest.

\_\_\_\_\_

7



Is a jar or a mug heavier? \_\_\_\_\_

How do you know? \_\_\_\_\_

Talk about it with a partner.

Spellings	1 <sup>st</sup> Attempt	2 <sup>nd</sup> Attempt
science		
scene		
discipline		
fascinate		
crescent		
scissors		
ascend		
scented		
scenery		
descend		



Words with the /s/ sound spelled 'sc' which is Latin in its origin.

Use a dictionary to find out what your spellings mean.  
Create your own definition for 5 of your words.

Your word

Your definition



## Water Transportation

The process of water transportation is the way water moves through a plant.

The roots absorb water from the soil.

The stem transports water to the leaves.

Water evaporates from the leaves.

This evaporation causes more water to be sucked up the stem.

The water is sucked up the stem like water being sucked up through a straw.



## Transportation Investigation

Scientists carry out investigations to find things out and answer questions.

There are lots of different ways to find things out, such as fair tests, comparative tests, exploring and observing, finding patterns or sorting and classifying.

You are going to carry out an investigation to find out whether temperature affects how fast the stem sucks up water.

The best type of investigation to use for this is a **comparative test**, as you can compare what happens to plants in different temperatures.

Today you will investigate how temperature affects how quickly water is transported around a plant.

You will need:

- 3 beakers or containers
- Food colouring (5 tablespoons in each beaker)
- 3 flowers of the same type
- Water (100ml in each beaker)

You will be changing the temperature in this investigation so all other variables will have to remain the same:

- Same amount of water in each beaker (100ml)
- Beakers should be the same size and shape
- The type of flower used should be the same
- The length of the stem should be the same
- The amount of food colouring used should be the same ( 5 tablespoons in each beaker)

Once your beakers contain water, food colouring and your plant, leave one in a place with a cool temperature, one at room temperature and another in a warm temperature. Decide how often you will look at your plants and record your observations.

You will see that the plant is transporting water as the petals on the flower will begin changing colour.

Do you think a plant in a cold temperature or a warm temperature will transport water quickest? Why?

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Observe the flowers in the different temperatures regularly. If you notice any colour on the petals record it on the table.

Time	Cold Location	Warm Location	Room Temperature

### Coming to Conclusions

What do your observations tell you? What have you learnt about how temperature affects the speed of water transportation?

#### Keeping Active

Think like a scientist with GoNoodle.

<https://www.youtube.com/watch?v=DChofjUH488>



Have a lovely day and remember to be extra nice to everyone!

You could even do something small to help someone today.

Mrs Ball, Miss Cooper and  
Miss Punshon

xxx