

Hello Year 3,

Your Maths activities this week are based on **mass and capacity**.

Look at pages 10 – 47 for this week's work 😊.

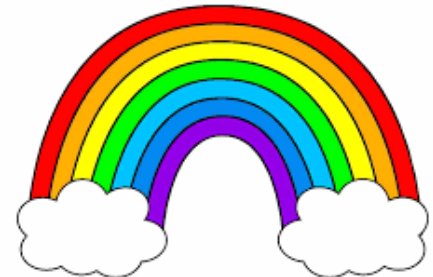
On page 3 you will find a Times Table Rockstars practise sheet. Time yourself – how quickly can you answer the questions? There is also another times table board game on page 4 – maybe you could have a go at creating your own 😊 or drawing a game in the garden using chalk.

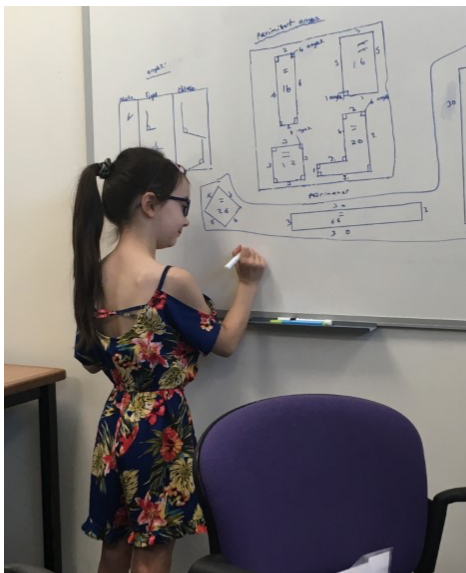
On pages 6 – 10, you will find some key skills questions. Try and answer one of these per day.

I know you will do brilliantly with your Maths work this week because you are all brilliant 😊.

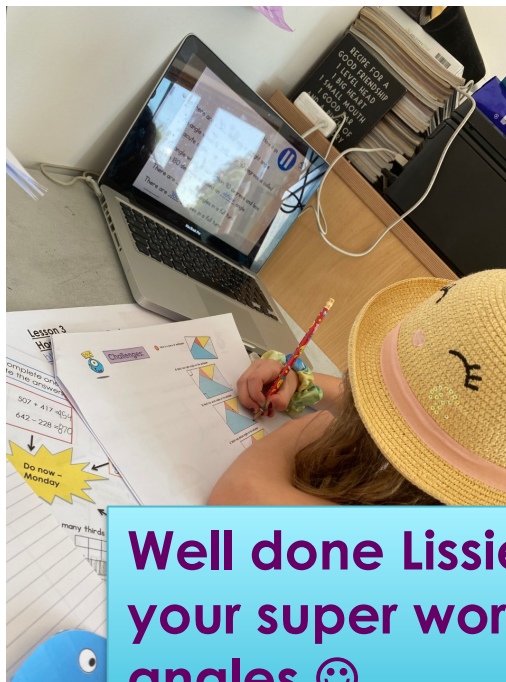
Enjoy,
Miss Robertson

We 
Maths





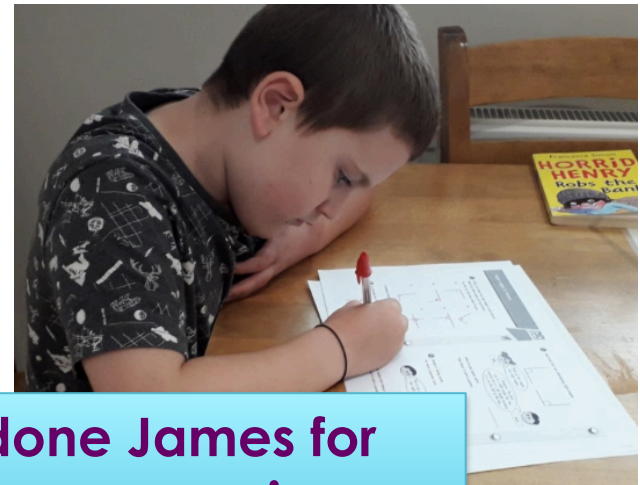
Well done Sophia for your fantastic work on perimeter 😊



Well done Lissie for your super work on angles 😊



Well done Nancy for your brilliant work on shapes 😊



Well done James for all of your amazing Maths work 😊

8 Times Table Space Race

Multiply the numbers on the track.
Write them down as you go around.

Use a timer to see how long it takes you to finish the race!



x8

START

12	4	9	10	9	6	2	1	11	12	2	9	3	7	5	8	5	1	10	6	7
----	---	---	----	---	---	---	---	----	----	---	---	---	---	---	---	---	---	----	---	---



START

Daily Maths Key skills: Try and complete one of these per day 😊
Don't worry about printing – note the answers down on a piece of paper.

$$327 + 467 =$$

$$854 - 228 =$$

$$728 + 461 =$$

$$334 - 47 =$$

$$4 \times 5 = 20$$

What other facts
do we know
using this
calculation?

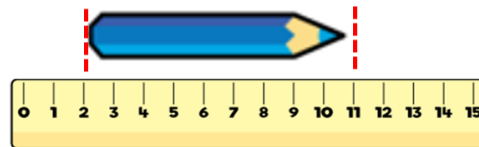
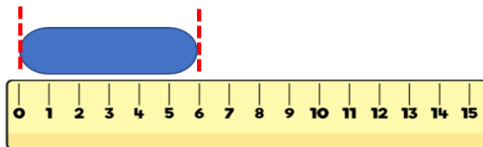
How many mm
are there in 8cm?

**Do now –
Monday**

Calculate $\frac{6}{8} - \frac{3}{8}$

Deepen it:

How much shorter is the rubber than the pencil?



Daily Maths Key skills: Try and complete one of these per day 😊
Don't worry about printing – note the answers down on a piece of paper.

What is the value
of the underlined
digit?
567

$$321 + 654 =$$
$$783 - 226 =$$

Which is a unit fraction? $\frac{3}{6}$, $\frac{1}{6}$, $\frac{6}{6}$

You have the digit cards
9 , **6** , **4**
What numbers can you
make?
You must only use each
card once

**Do now –
Tuesday**

Draw a line that is 8 cm
long.
What is that in mm?



Deepen it:

Look at the numbers you have made using

9 , **6** , **4**

Write them in order from smallest to largest

Write the numbers in words



Daily Maths Key skills: Try and complete one of these per day 😊
Don't worry about printing – note the answers down on a piece of paper.

Write the calculation to match the image.



$$554 + 339 =$$

$$621 - 48 =$$

$$7 \times 2 = \underline{\quad}$$

$$2 \times 3 = \underline{\quad}$$

$$4 \times 7 = \underline{\quad}$$

$$5 \times 6 = \underline{\quad}$$

$$8 \times 8 = \underline{\quad}$$

If $7 \times 3 = 21$, what is 30×7 ?
How do you know?

**Do now –
Wednesday**

Deepen it:



Complete the number line.



A rectangle has sides of length 10cm and 5cm,
what is its perimeter?

Daily Maths Key skills: Try and complete one of these per day 😊
Don't worry about printing – note the answers down on a piece of paper.

Complete. $\square \times 3 = 2 \times 3 + 2 \times 3$

Finish this fact family:

$$4 \times 3 = 12$$

$$\begin{aligned} 36 \div 4 &= ______ \\ 56 \div 8 &= ______ \\ 27 \div 3 &= ______ \\ 35 \div 5 &= ______ \\ 48 \div 4 &= ______ \\ 36 \div 3 &= ______ \end{aligned}$$

Complete using $<$ $>$ or $=$ $\frac{2}{9} \bigcirc \frac{7}{9}$

Do now – Thursday

Which month is closest to December, May or September?



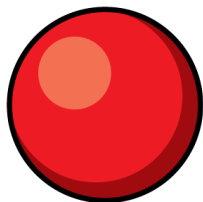
Deepen it:



How much change will I have from £1 if I buy three buns at 25p each?

Daily Maths Key skills: Try and complete one of these per day 😊
Don't worry about printing – note the answers down on a piece of paper.

What 3D shape is this?



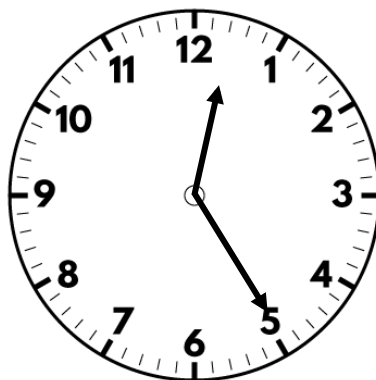
$$\begin{aligned} 10 \times 3 &= \text{Double } ___ \\ 8 \times 7 &= 60 - ___ \\ 7 \times 3 &= 20 + ___ \\ 3 \times 4 &= 10 + ___ \\ 5 \times 3 &= 30 - ___ \end{aligned}$$

Partition the number 641

What is the product of 12 and 3?

Do now – Friday

Deepen it:
What time does this clock show?
What would you usually be doing at this time?



How many cm are there in 70 mm?

Maths

Week commencing 6th July



This week, I would like you to look at the **White Rose Home Learning videos for Summer Week 11 (W/C 6th July)**. This week we will be looking at **mass and capacity**.

On the following pages I have selected the questions that I would like you to complete. There will also be some challenges. Give these a try if you like. If you find them tricky, please don't worry 😊



Finally, I have included some 'extra help' / guidance for lessons 1 – 4 on pages 34 – 47. We haven't covered 'Mass and Capacity' so far in Year 3, **so please** use these activities if you are finding the White Rose questions tricky. There are also some activities and learn screens on Education City which will help you too 😊

If you need any further support with the Maths over the next 2 week, please contact me at school: info@st-jo-st.dudley.sch.uk



Lesson 1

Measure mass

<https://vimeo.com/4346> - Link for today's video 😊

Copy and paste to your browser if it doesn't work.

1. Watch the video clip for today's teaching
2. Complete the questions on the next few pages
3. Also, have a look at BBC Bitesize Daily activities for extra learning if you like:

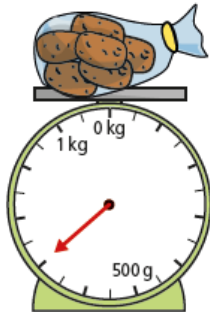
<https://www.bbc.co.uk/bitesize/dailylessons>



Measure mass (2)

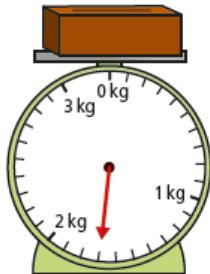
1 What is the mass of each object?

a)



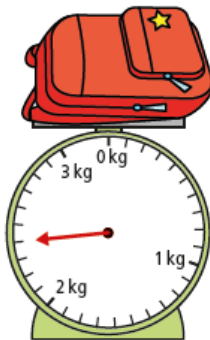
g

b)



kg and g

c)



kg and g

2 The mass of each object is shown on the label.

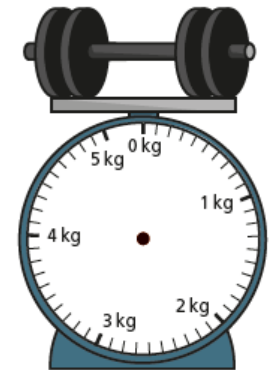


Draw on the scales to show the mass of each object.

a)



b)



c)





Challenges:

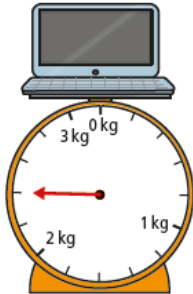
3 What is the mass of each object?

a)



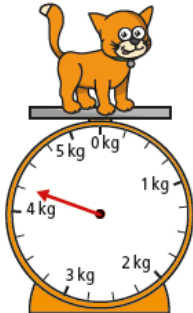
g

b)



kg and g

c)



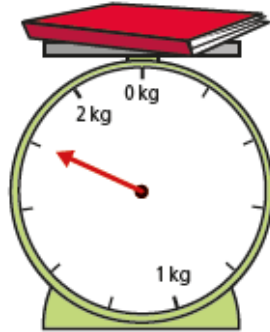
kg and g

How did you work out what each interval on the scales represents?



Challenges:

4 Whitney is weighing some objects.



The book weighs more than the toy bricks because the arrow goes further round.

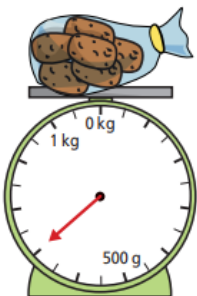
Do you agree with Whitney? _____

Why?

Measure mass (2)

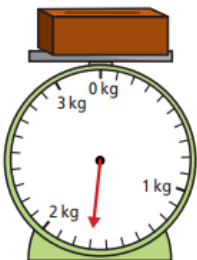
1 What is the mass of each object?

a)



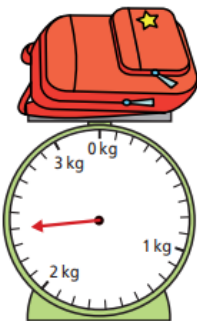
700 g

b)



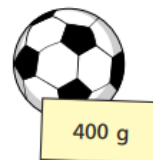
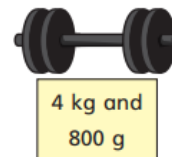
1 kg and 700 g

c)



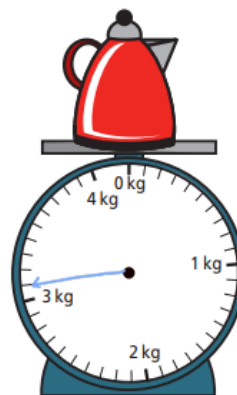
2 kg and 400 g

2 The mass of each object is shown on the label.

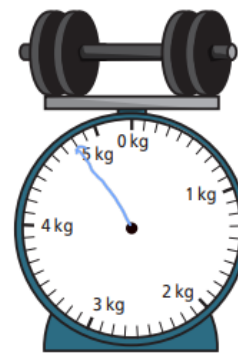


Draw on the scales to show the mass of each object.

a)



b)



c)



ANSWERS



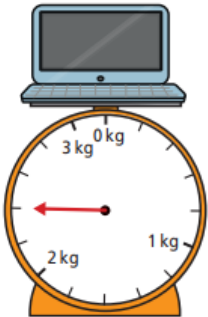
3 What is the mass of each object?

a)



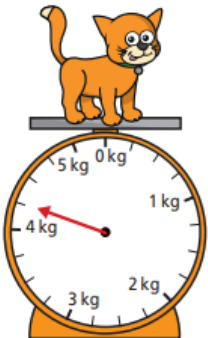
200 g

b)



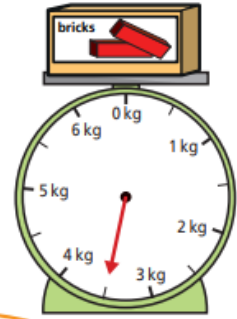
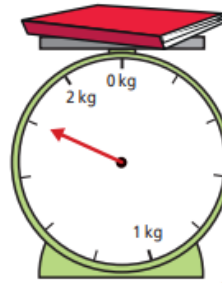
2 kg and 400 g

c)



4 kg and 250 g

4 Whitney is weighing some objects.



The book weighs more than the toy bricks because the arrow goes further round.

Do you agree with Whitney? no
Why?

Lesson 2

Compare mass

<https://vimeo.com/434622998> - Link for today's video 😊

Copy and paste to your browser if it doesn't work.

1. Watch the video clip for today's teaching
2. Complete the questions on the next few pages
3. Also, have a look at BBC Bitesize Daily activities for extra learning if you like:

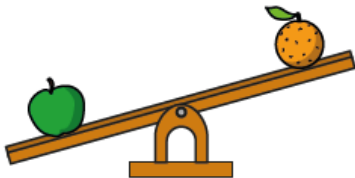
<https://www.bbc.co.uk/bitesize/dailylessons>



Compare mass

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

a)



The apple is _____ than the orange.

The orange is _____ than the apple.

b)

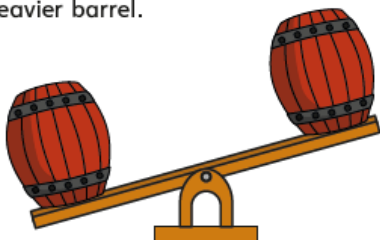


The ball is _____ than the bat.

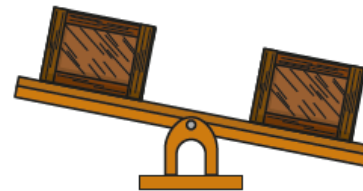
The bat is _____ than the ball.

2

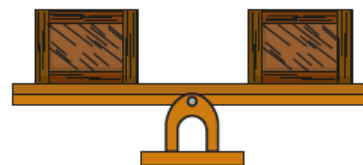
a) Tick the heavier barrel.



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.





Challenges:

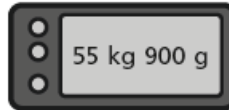
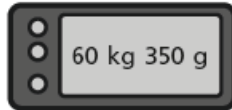
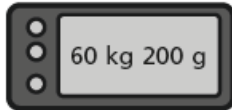
5 Circle the greater mass in each pair.

a)  and 

b)  and 

c)  and 

6 Three weights are shown on the scales.



Write the weights in order, starting with the lightest.

Compare mass

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

a)



The apple is heavier than the orange.

The orange is lighter than the apple.

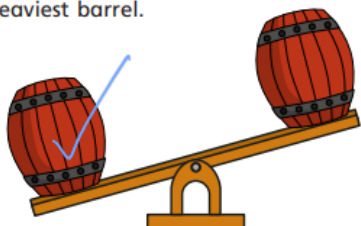
b)



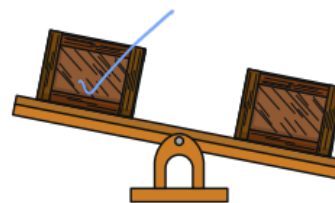
The ball is lighter than the bat.

The bat is heavier than the ball.

2 a) Tick the heaviest barrel.

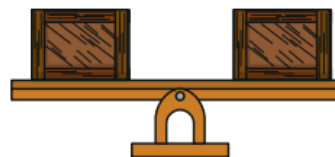


b) Tick the lightest crate.



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

**They are
the same
mass**



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



Scott puts the tin and book on the scales.

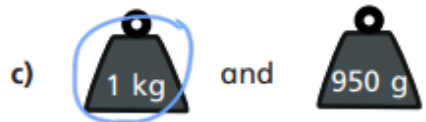
One side of the scales goes down.

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





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.

55 kg 900 g, 60 kg 200 g, 60 kg 350 g