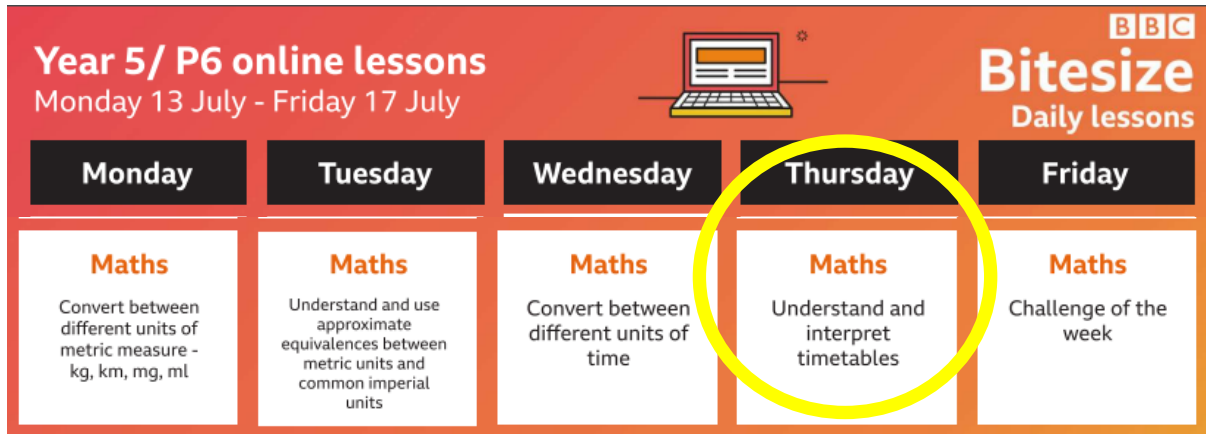


Summer 2 Week 7 Maths Day 4

Try BBC Bitesize for daily lessons

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

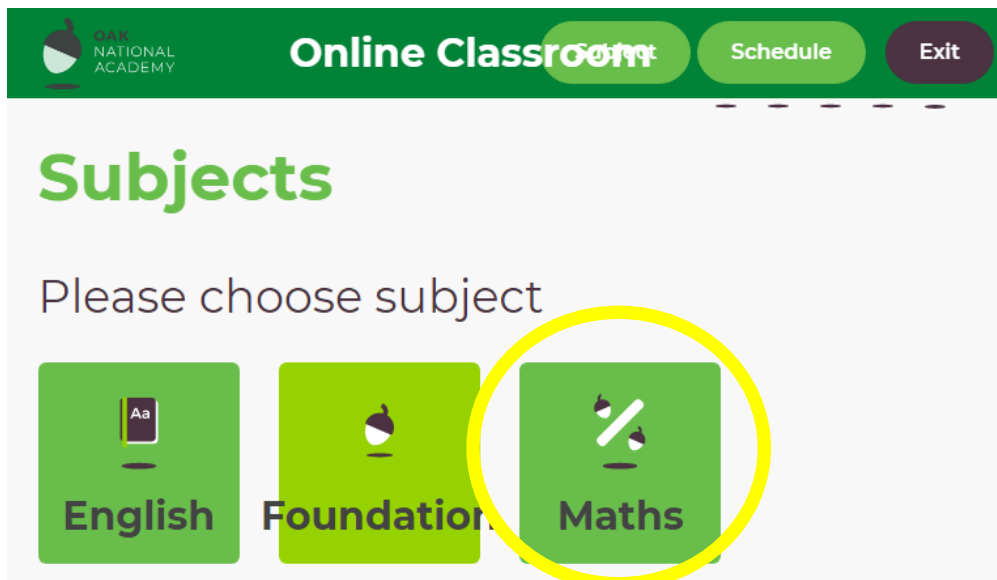


The screenshot shows the BBC Bitesize website for Year 5/ P6 online lessons, running from Monday 13 July to Friday 17 July. The page features a grid of daily lesson topics. The Thursday column is highlighted with a yellow circle.

Monday	Tuesday	Wednesday	Thursday	Friday
Maths Convert between different units of metric measure - kg, km, mg, ml	Maths Understand and use approximate equivalences between metric units and common imperial units	Maths Convert between different units of time	Maths Understand and interpret timetables	Maths Challenge of the week

Try the National Academy online classroom for lessons

<https://www.thenational.academy/online-classroom/year-5/#subjects>



The screenshot shows the National Academy Online Classroom interface. The 'Subjects' section is visible, with a prompt to 'Please choose subject'. Three subject buttons are shown: English, Foundation, and Maths. The Maths button is highlighted with a yellow circle.

Subjects

Please choose subject

- English
- Foundation
- Maths**

Don't forget TT Rockstars!

<https://play.ttrockstars.com/auth/school/student>

Convert between metric units.

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Look at the learning reminders.
2. Complete 'Mild' or 'Hot' practice questions
3. Finding it tricky? Have a look at 'A bit stuck' and ask a grown up
4. Completed the practise sheets? Try the investigation!

Learning Reminders

Convert between grams and kilograms, millilitres and litres, metres and kilometres.

1 kilogram = 1000 grams.

Remember that 'kilo' means 1000.

Check the way the grams and kilograms have been paired up.

The diagram shows two columns of boxes. The left column contains 250g, 700g, 100g, and 300g. The right column contains 0.1kg, 0.25kg, 0.3kg, and 0.7kg. Arrows connect the boxes as follows: 250g to 0.25kg, 700g to 0.7kg, 100g to 0.1kg, and 300g to 0.3kg.

Summer 2 Week 7 Maths Day 4

Convert between grams and kilograms, millilitres and litres, metres and kilometres.

1 litre = 1000 millilitres.

Remember that 'milli' means 1000th.

Draw arrows to pair up the litres and millilitres.

Watch out! Don't mistake the 'l' for litres for a 1!

We have to multiply the number of litres (left-hand numbers) by 1000 to find the number of millilitres.

0.5 l	800ml
1.9 l	500ml
1.2 l	1200ml
0.8 l	1900ml

Answers

0.8 l = 800ml
1.2 l = 1200ml
1.9 l = 1900ml
0.5 l = 500ml

Convert between grams and kilograms, millilitres and litres, metres and kilometres.

1 kilometre = 1000 metres.

Write these distances in kilometres.

1100m 2500m 800m 1250m

We have to divide each by 1000.
1100 divided by 1000 is 1.1,
so, 1100 metres is 1.1 kilometres.

Now divide the others by 1000...

Answers

1250m = 1.25km
800m = 0.8km
2500m = 2.5km
1100m = 1.1km

Practice Sheet Mild

Converting between millilitres and litres

Record the capacities of each of these bottles in litres and in millilitres, converting between each unit.

1.



1 litre

2.



800ml

3.



200ml

4.



1.5l

5.



0.5l

6.



100ml

7.



0.4l

8.



600ml

9.















1900ml

Practice Sheet Hot

Converting between millilitres and litres

Record the capacities of each of these bottles in litres and in millilitres, converting between each unit.

1. 
1 litre
2. 
800ml
3. 
200ml
4. 
1.5l
5. 
0.5l
6. 
100ml
7. 
0.4l
8. 
600ml
9. 
1900ml
10. 
1.8l
11. 
1.2l
12. 
2 litres

Challenge

Write all the capacities in order, from least to greatest.

A bit stuck?

Baby weigh in

Things you will need:

- Baby's weight table
- A pencil



What to do:

- Read the baby's weight at each age.
Write each weight in your own copy of the table.

At birth



1 month old



2 months old



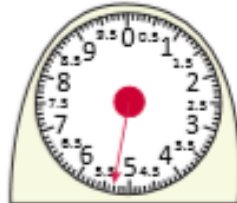
3 months old



4 months old



5 months old



6 months old



Baby's age	Weight
At birth	
1 month	
2 months	
3 months	
4 months	
5 months	
6 months	

S-t-r-e-t-c-h:

How much weight did the baby put on between each weigh-in?

Learning outcomes:

- I can read scales marked in steps of 0.1kg.
- I am beginning to count up to find a difference between multiples of 0.1kg.

Investigation

Investigating metric conversions

Activity 1

- Cut out all of the twenty-four cards. Put aside the two blanks.
- Mix up the cards and lay them out randomly face-up in front of you.
- Pair up the cards as quickly as you can.
Aim for less than 5 minutes!
- There should be two cards left over.
- Use the two blank cards to write their equivalent – kilograms for grams or grams for kilograms.
- Mix up all the cards and try to beat your time to pair them all.



Activity 2

- Sort the cards into kilograms and grams.
- Choose the grams and put the kilograms aside.
- Using your set, write the twelve weights in order in a list, from lightest to heaviest.
- Now, beside each weight, write the equivalent number of kilograms.
- Now use the kilogram cards to check that you have got them all right!

Answers

Practice Sheet (Mild)

1 litre = 1000 millilitres
800 ml = 0.8 litres
200 ml = 0.2 litres
1.5 litres = 1500 millilitres
0.5 litres = 500 millilitres
100 ml = 0.1 litres
0.4 litres = 400 millilitres
600 ml = 0.6 litres

Practice Sheet (Hot)

1 litre – 1000 millilitres
800 ml – 0.8 litres
200 ml – 0.2 litres
1.5 litres – 1500 millilitres
0.5 litres – 500 millilitres
100 ml – 0.1 litres
0.4 litres – 400 millilitres
600 ml – 0.6 litres
1900 ml = 1.9 litres
1.8 litres = 1800 millilitres
1.2 litres = 1200 millilitres
2 litres = 2000 millilitres

Challenge: The correct order is: 100 ml, 200 ml, 0.4 litres, 0.5 litres, 600 ml, 800 ml, 1 litre, 1.2 litres, 1.5 litres, 1.8 litres, 1900 ml, 2 litres