Thursday 14th May

Work for Year 4

Please spend time doing these tasks this morning.

There is also a suggested timetable on our Year 4 page.

English:

<u>Spelling activities – Homophones</u>

Can you remember what a homophone is? (answer is at the bottom of the page if you have forgotten)

Look at the following homophones.

weather	whether
who's	whose
medal	meddle
missed	mist
team	teem

Task 1:

- Do you know what all these words mean? If not, use a dictionary or ask a grown up to help you.
- Write a sentence for each word. Try and make your sentence as interesting as possible and include the correct punctuation. Take care with your handwriting too! Remember the size of your letters and your joins.

Now log onto **Spelling Frame** – Rules 22 and 24. Play some games and then test yourself at the end.

(A homophone is a word which sounds the same as another word but is spelt differently)

Maths:

As a warm up today, do the 6 times table on Supermovers, then try 10 minutes on TT Rockstars and Daily 10.

Today's maths is all about area.

First, watch this video for the maths tasks today:
https://player.vimeo.com/video/415503107

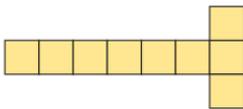Open the activity sheets in another tab because you'll be asked to do questions and pause the video.

Try these activity sheets while you watch the video: write your answers in your homework book. (you don't have to print these out, not everyone has a printer.)
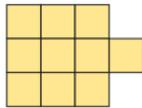
Counting squares

White Rose Maths

1 Count the squares in each shape to find the area.

A

The area is _____ squares.

B   **C**
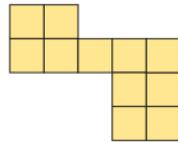
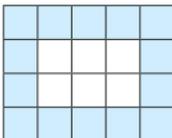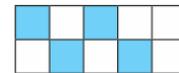The area is _____ squares.   The area is _____ squares.

Which shape has the greatest area? _____

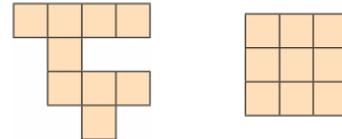**2** What is the area of the shaded part of the shape?

The area is _____ squares.

3 Here is a kitchen tile.

a) What area of the tile is blue? _____ squares

b) What area of the tile is white? _____ squares

c) What is the total area of the tile? _____ squares

4 These two shapes are made up of squares of the same size.

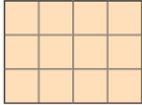*These two shapes have the same area.*

Jack

The first shape is bigger as it takes up more space.
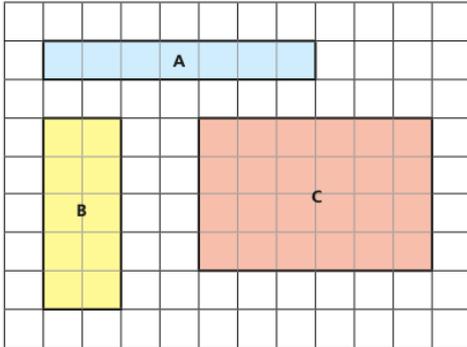
Rosie

Who is correct? _____
Explain how you know.

_____
_____

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5 Here is a rectangle.

a) The rectangle has [ ] rows and [ ] columns.

b) What is the area of the rectangle? [ ] squares

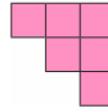c) How did you work out the area?

6 Find the area of each rectangle.

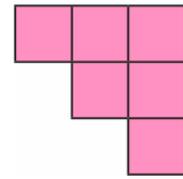A = [ ] squares   B = [ ] squares   C = [ ] squares

7 Nijah and Eva are making shapes.

They each use 6 squares.
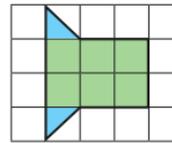
Nijah's shape   **Eva's shape**

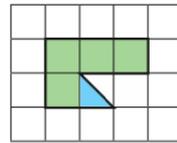The area of Nijah's shape is equal to the area of Eva's shape.

Is this true or false? _____

How do you know?

_____

_____

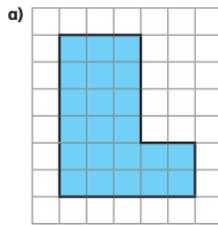**8** What is the area of each shape?

area = [ ] squares   area = [ ] squares

The answers will appear tomorrow on Thursday's page. Follow the video and work carefully and systematically.
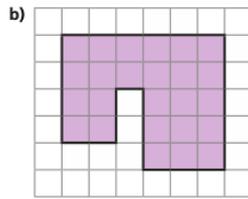
Here are the answers for Wednesday:

Perimeter of rectilinear shapes

1. The length of each square on the grid is 1 cm.
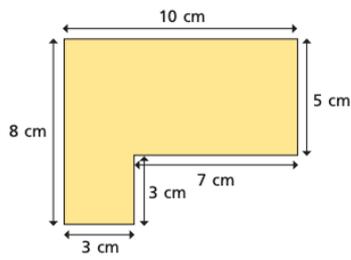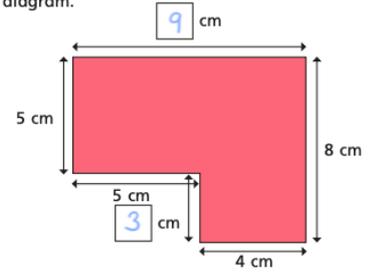
   Work out the perimeter of the shapes.

   a)

   22cm

   b)

   26 cm

2. Work out the perimeter of the shape.
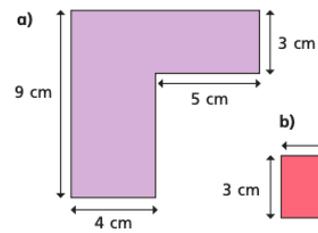
   10 cm

   8 cm

   5 cm

   7 cm

   3 cm

   3 cm

   36 cm

3. a) Work out the missing lengths and label them on the diagram.

   9 cm

   5 cm

   8 cm

   5 cm

   3 cm

   4 cm

   b) What is the perimeter of the shape?

   34cm

4. Work out the perimeter of each shape.

   a)

   9 cm

   3 cm

   5 cm

   4 cm

   36cm

   b)

   12 cm
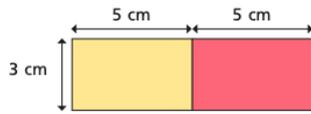
   3 cm

   2 cm

   2 cm
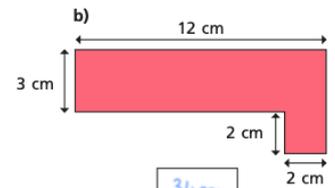
   34cm

5 Mo puts two 5 cm by 3 cm rectangles next to each other.

5 cm   5 cm

3 cm

The perimeter of each small rectangle is 16 cm, so the perimeter of my larger rectangle must be 2 × 16 cm = 32 cm.
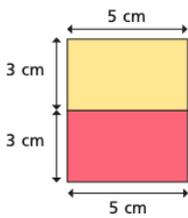
a) Is Mo correct? _No_

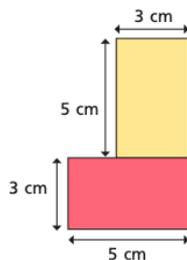Work out the perimeter of the larger rectangle to check your answer.

26 cm

b) Mo puts the rectangles together in different ways.
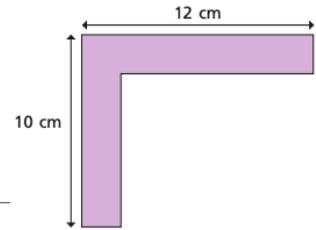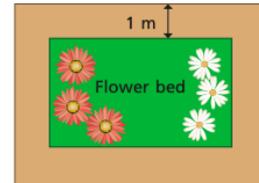
Work out the perimeter of each large shape.

5 cm
3 cm
3 cm
5 cm

3 cm
5 cm
3 cm
5 cm

22 cm   26 cm

6 Dani thinks there isn't enough information to work out the perimeter of the shape.

12 cm

10 cm

Is Dani correct? _No_

Explain your answer.

7 A rectangular flower bed is 5 m long and 3 m wide.

The path around the flower bed is 1 m wide.

1 m
Flower bed

a) What is the perimeter of the flower bed?

16 cm

b) What is the perimeter of the outside of the path?

24 cm

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Hour of Code

Go to this website and have a go at programming! It is just like Scratch. There is an introductory video to explain it to you.

https://studio.code.org/s/hero/stage/1/puzzle/1

You could look at these websites for more fun learning during the week!

https://www.bbc.co.uk/teach/supermovers - you know the times tables ones, have a go at the others if you like!

https://www.topmarks.co.uk/maths-games/daily10 - mental maths that you set your level.

https://www.topmarks.co.uk/maths-games/hit-the-button - a quick fire mental maths game.

https://www.youtube.com/user/thebodycoach1?fbclid=IwAR0iaRPq65aXPUBDdwgl2JbbhR3bsL6o
TAgsSzuAJYhaco6QMui-3u_60a8 – Joe Wicks is doing a FREE PE lesson every day at 9am – so
keep your body fit as well as your mind!

https://www.glasgowsciencecentre.org/gsc-at-home - Glasgow Science Centre will be live every day at 10am! Expand your mind!!