

Maths

Links and websites

<https://whiterosemaths.com/homelearning/>

A daily maths lesson for each year group. Watch the video for the lesson and then complete the worksheet. Start from week 1 - year 4 and 5 decimals, year 6 ratio and then angles. You don't have to stick to your year group - go up or down a year if needed. It should take 20 - 30 minutes to complete

Sumdog are offering free subscriptions if you are looking for a programme to practice maths skills

<https://mail.sumdog.com/p/5IUG-FR/sign-up-free>

Here is a link to another website with some great maths games

<https://mathsframe.co.uk/en/resources/category/22/most-popular>

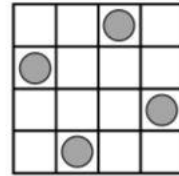
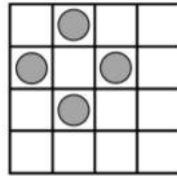
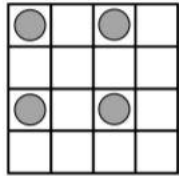
There is a weekly challenge below, one for anyone to try and then one for blues and purples, and one for oranges and greens.

Additional maths challenges

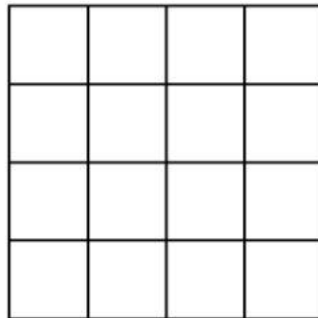
challenge for anyone

All square

On each of these grids, the counters lie at the four corners of a square.



What is the greatest number of counters you can place on this grid without four of them lying at the corners of a square?



CHALLENGE FOR ORANGES/ GREENS

Card tricks

Chico's cards are all different.
There is a number from 1 to 8 on each card.



Chico has chosen four cards that add up to 20.
What are they?

There are seven different possibilities.
Try to find them all.

What if Chico has three cards that add up to 16?

CHALLENGE FOR BLUES / PURPLES

Age old problems

1. My age this year is a multiple of 8.
Next year it will be a multiple of 7.
How old am I?
2. Last year my age was a square number.
Next year it will be a cube number.
How old am I?
How long must I wait until my age is both
a square number and a cube?
3. My Mum was 27 when I was born.
8 years ago she was twice as old
as I shall be in 5 years' time.
How old am I now?

