

Home Learning UKS2 Year 5 Week Beginning: 18th May 2020

Monday - Wednesday

Class Blogs

On Purple Mash each class has set up a class blog that will allow the children to share any of the amazing things they are doing at home, from a completed jigsaw puzzle to a fantastic piece of artwork we would love to know what the children are up to. The children can get to the blog by logging on to Purple Mash and clicking the sharing icon on the top left tool bar then selecting shared blogs and the blog should be listed there. Once you select this your children will be able to post comments and see what others have been doing. Please note that posts need to be approved and therefore will not appear immediately. We will aim to approve comments at least once a day as well as post ourselves so the children can see what we are up to too.

Reminder that the children have access to **TTRS**. This are a good way to develop fluency in maths therefore we would like the children to log on to these at least twice a week if possible.

Class teachers have continued to set work on **Mathletics**. The children can access this in the normal way and this will ensure core maths skills are kept up to date.

Daily Maths sessions: White Rose are now requiring a subscription to access the worksheets for each lesson. However, NCETM have produced some amazing video lessons for maths which will support the children to develop their understanding of Fractions. Each session will have activities to complete that either uses paper and pencil or resources you should have around the home. Please follow the link below and complete lessons 1 - 5 this week.

<https://www.youtube.com/playlist?list=PLQqF8sn28L9xBmQclRrb8YjcM-pzxHjfk>

Maths Investigation:

Two Primes Makes One Square

Flora had a challenge for her friends.

She asked, "Can you make square numbers by adding two prime numbers together?"
Ollie had a think. "Well, let me see... I know that $4 = 2 + 2$. That's a good start!"

Have a go yourself.

Try with the squares of the numbers from 4 to 20.

Once you have had some initial ideas, take a look at how three more of Flora's friends started the problem:

Bailey said: "I made the square numbers out of cubes and tried taking a prime number of cubes away and seeing if it left a prime number of cubes."

Dina said: "I wondered whether noticing that 2 is the only even prime number was important."

Shameem said: "I listed the prime numbers up to 100 and then I listed the squares of the numbers from 4 to 20."

Did you go about the task in the same way as any of these children?

What do you like about each method?

Continue working on the problem.

You might like to adopt Bailey's or Dina's or Shameem's approach.

Did you find any square numbers which cannot be made by adding two prime numbers together? Why or why not?

Maths game:

Dotty Six

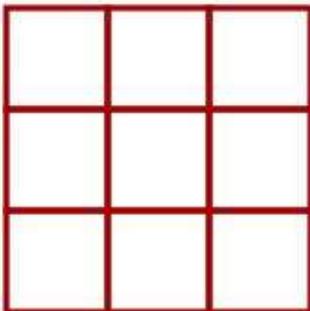
Here's a game to play with an adult or sibling!



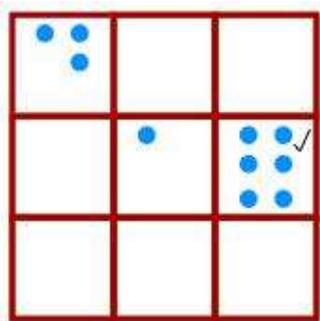
How do you play?

You'll need an adult to play with.

You'll also need a 1 to 6 dice and a grid like the one below.



Take turns with the adult to throw the dice and draw that number of dots in one of the boxes on the grid. Put *all* of your dots in one of the boxes. You can't split them up and you can't have more than six dots in a box. When a box is full, you could put a tick in the corner like this:



Keep going until there are three ticks in a row or column or diagonal. The winner is the person who puts the last tick.

Now, can you change the game to make your own version?
How do you know where to put your dots?

Reading all of the reading that your child does is valuable. From reading their reading books to recipe books and non-fiction books and everything in between. Please keep a record of the reading you are doing in your child's reading record.

A reading activity has been set on Purple Mash with linked activities.

Writing prompt:



This week we would like you to write a setting description based on the image above.

You can use the following lessons to support your writing:

Identifying the features of a setting description: <https://www.thenational.academy/year-5/english/setting-description-identifying-the-features-of-a-text-year-5-wk1-3>

Writing a setting description: <https://www.thenational.academy/year-5/english/setting-description-write-a-setting-description-year-5-wk1-5>

Art and design:

From all the amazing pieces of artwork being shared on the class blogs it is clear that there are artists among you. This week we would like you to focus on texture. Use the lesson below to create a frottage patchwork.

<https://www.thenational.academy/year-6/foundation/texture-treasure-hunt-year-6-wk1-5>

Building on the previous lesson, you can now investigate how Vincent Van Gogh used visual texture in his sketchbook.

<https://www.thenational.academy/year-5/foundation/how-can-we-use-visual-texture-to-add-interest-to-our-artwork-year-5-wk2-5>

It would be fantastic to see some of your piece shared on the Class blogs or pinned to our class display boards.

PHSE:

As we enter another week of staying and learning at home, we thought giving the children the opportunity to reflect. This could be recorded in any way they choose or just be a conversation with an adult.

How I'm feeling (questions for the child to answer):

Which three words describe how you are feeling?

What are you most thankful for?

What have you learnt most from the experience?

What are the 3 things you are most excited to do when this is over?

Interviewing a parent (questions for a child to ask a parent):

What has been the biggest change?

How are you finding home schooling?

What are your top 3 moments from this experience?

What activities/ hobbies have you enjoyed doing?

What are you most thankful for?

What is your new favourite inside family activity?