

Home Learning UKS2 Week Beginning: 4th May 2020

Monday – Thursday

Class Blogs

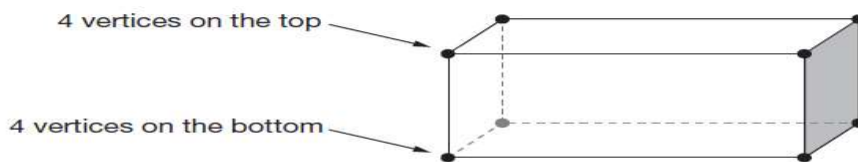
On Purple Mash each class has set up a class blog that will allow the children to share any of the amazing things they are doing at home, from a completed jigsaw puzzle to a fantastic piece of artwork we would love to know what the children are up to. The children can get to the blog by logging on to Purple Mash and the 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.

Maths

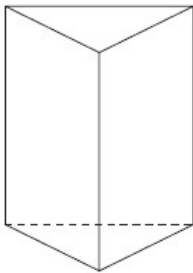
As well as these activities <https://whiterosemaths.com/homelearning/> is now offering clearly presented lessons (with videos and accompanying worksheets) to support this work on fractions. Once on this website, you should click on your year group and follow the activities for week 3 and 4.

Maths Investigation:

A cuboid has **8 vertices**.



How many vertices does this 3-D shape have?



Complete the table.

One has been done for you.

	number of flat surfaces	number of curved surfaces
sphere	0	1
cone		
cuboid		
cylinder		

Draw as many 3D nets as you can, cut them out carefully and see if you can make the 3D shape. Post your pictures to your class teacher either through the class email or via the Purple Mash Blog.

Math Game:

Create a set of shape bingo cards for your family. Play by either using the shape name or just by describing its properties.

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 their reading record.

Reading and Writing:

On Purple Mash we have set some reading and writing tasks set around a book called Buster Blitz. There are currently 4 chapters to read, followed by a quiz based on the chapter you have read. Each chapter is then followed by a writing assignment for you to complete. Within the writing tasks take care to demonstrate some of the skills you had mastered before lockdown:

- Range of sentence types and sentence openers
- Embedded clauses and relative clauses
- Range of punctuation
- Spellings from the Year 5/6 list
- Think about your audience and make the piece engaging.

Kitchen Science – Complete with an Adult

Rock Candy

Rock candy is another name for sugar. Making your own rock candy is a fun and tasty way to grow crystals and see the structure of sugar on a big scale. This recipe is for rock candy that you can eat. You can colour and flavour the candy, too.

Materials

Basically, all you need to make rock candy is sugar and hot water. The colour of your crystals will depend on the type of sugar you use (raw sugar is more golden than refined granulated sugar) and whether or not you add colouring. Any food-grade colorant will work.

- 390grams sugar
- 130ml water
- Pan
- Stove or microwave
- Optional: food colouring
- Cotton string
- Pencil or knife
- Clean glass jar



Method

1. Pour the sugar and water into the pan.
2. Heat the mixture to a boil, stirring constantly.

3. Stir the solution until all the sugar has dissolved. The liquid will be clear or straw-coloured, without any sparkly sugar.
4. Add food colouring and flavouring to the solution. Mint, cinnamon, or lemon extract are good flavourings to try.
5. Set the pot of sugar syrup in the refrigerator to cool. You want the liquid to be about 50 F (slightly cooler than room temperature).
6. While the sugar solution is cooling, prepare your string. You are using cotton string because it is rough and non-toxic. Tie the string to a pencil, knife, or another object that can rest across the top of the jar. You want the string to hang into the jar, but not touch the sides or bottom.
7. Once your solution has cooled, pour it into the clean jar. Suspend the seeded string in the liquid. Set the jar somewhere quiet. You can cover the jar with a paper towel or coffee filter to keep the solution clean.
8. Check on your crystals, but don't disturb them. You can remove them to dry and eat when you are satisfied with the size of your rock candy. Ideally, you want to allow the crystals to grow for 3 to 7 days.

Once the crystals are done growing, remove them and let them dry. The crystals will be sticky, so the best way to dry them is to hang them.

For more kitchen science go to: <https://www.thoughtco.com/kitchen-science-experiments-for-kids-604169>

History

On Friday this week it is VE Day, a celebration of Victory in Europe in World War 2. This year is the 75th Anniversary, we will be looking further into the meaning of VE Day. By visiting the English Heritage website below there is a variety of activities you can do to celebrate VE Day. You can also visit the DK find out website where you can read a little more about VE Day, or watch a video on BBC bitesize.

<https://www.english-heritage.org.uk/siteassets/home/visit/ve-day-75/ve-day-pack.pdf>

<https://www.dkfindout.com/uk/history/world-war-ii/ve-day/>

<https://www.bbc.co.uk/bitesize/clips/zspf34j>

If you wanted to watch the VE day celebrations on Friday you can do here:

<https://www.britishlegion.org.uk/stories/ve-day-75-livestream>

Challenge:

Can you make a poster to celebrate VE Day for your window? Don't forget to include drawings and information about VE Day. You could find templates here:

<https://uk.usembassy.gov/75th-anniversary-of-ve-day-coloring-posters-celebratethem/>

<https://www.bbc.co.uk/teach/class-clips-video/history-ks2-ve-day/z7xtmfr>

