Year 4 Homework - Spring 1 - 2022

Please hand in work produced on:

MONDAY 14TH FEBRUARY

Literacy

I can create an unusual pirate adventure.

Your treasure map will take your pirates to a place that they have never been before!

Will it be an underwater kingdom requiring a pirate submarine? Will it be a journey to the centre of Earth requiring a pirate digger? Perhaps they will need to go through a portal or even into OUTER SPACE in a pirate spaceship!

TASK: Create a treasure map. Use the map to write the adventure story of what happened to your pirate crew when they followed the map. What exciting and dangerous events happened along the way? What strange creatures did they encounter and what characters did they meet that either helped them or caused them problems?

Treasure Island
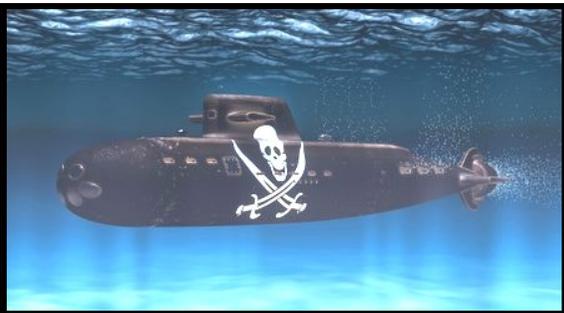
Science - States of Matter

I can investigate gases.

To complement our experiments and learning about solids, liquids and gases, here is an experiment that you can do at home!

You MUST ask an adult before starting an experiment.

Experiment:

Bicarbonate of Soda-Powered Boat

Please visit this website for instructions:

https://bit.ly/3AwEM3L

ONE - You will need:
- vinegar
- bicarbonate of soda (baking soda)
- small plastic bottle
- straw
- tape
- scissors

FOLLOW UP TASK
After you have conducted your experiments, you will need to write up your observations and findings. Use these sub-headings to help you:

Equipment:

Method:
(What you did.)

What you observed:

What you found out:

REMOTE LEARNING
If away from school, please access the remote learning on the school website.
REMEMBER: The online remote learning library is a great resource for revisiting past weeks' learning!
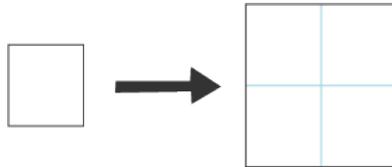
Remember to visit Rock Stars regularly and read your reading book at the weekend. Bug Club is available too!

Numeracy

I can explore area.

Area is (the measurement of) the space within a 2-D shape.

If we double each side of a small square we get a new enlarged square:

Area: 1 square ⟶ 4 squares

The new enlarged square has the area of four of the smaller squares.

This also happens when we enlarge other shapes. Some, like the squares, can be filled with 4 of the same smaller shape.

Task One:

Try to arrange 4 of the same smaller shape on top of the larger shape so that they fit — **just like a jigsaw puzzle!**

I have laid one down to get you started!
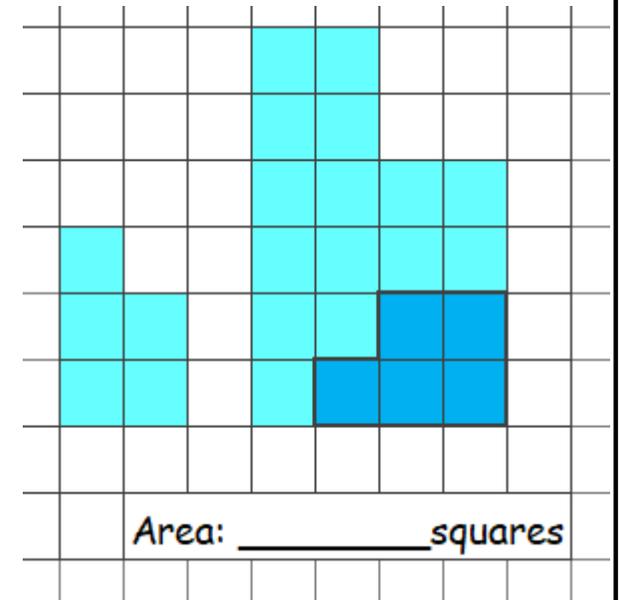
Area: _____squares
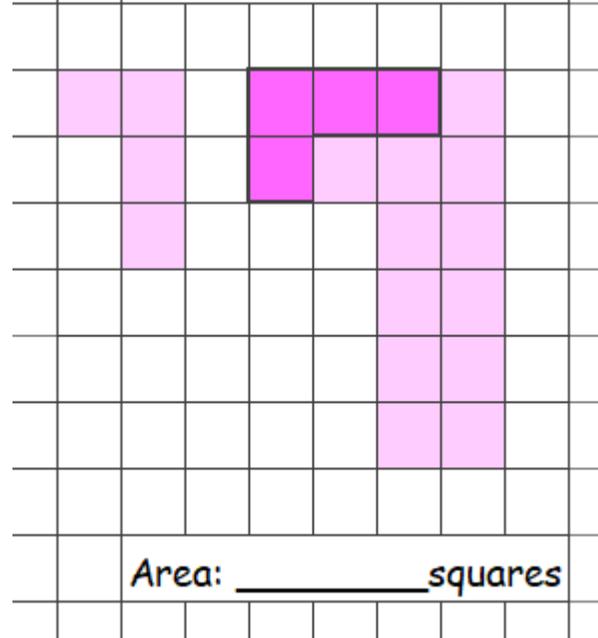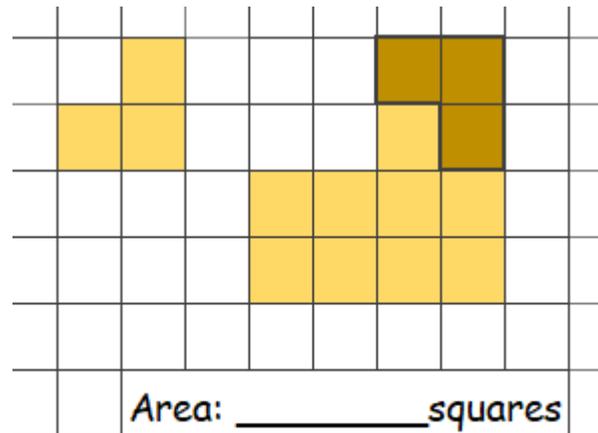
Area: _____squares

Task Two:

Count the squares of the shape to find the area.

Extension Task:

Why not try with your own shape. Double the length of each side and see if you can fit four of the original

Area: _____squares

TOP TIP: You may need to flip some of the shapes over.