

Home learning booklet

Year 3



Tuesday

Maths

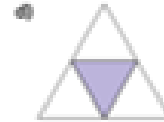
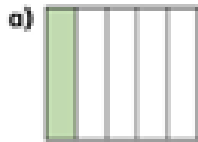
Reading

Literacy

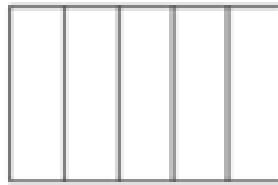
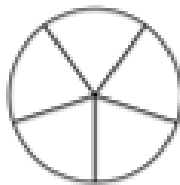
Topic - PE

01.12.2020 - Maths

1) Identify the fraction of each shape shaded.



2) Colour $\frac{1}{5}$ of each shape.



3) Write the number of yellow counters as a fraction.



4) Write the number of blue cubes as a fraction.



01.12.2020 - Maths

1) What fraction of each shape has been shaded?



2) Circle the shapes that have the correct fraction shaded.



Is $\frac{1}{3}$ shaded?



Is $\frac{1}{3}$ shaded?



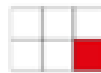
Is $\frac{1}{3}$ shaded?



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Is $\frac{1}{3}$ shaded?



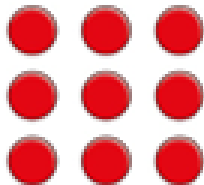
Is $\frac{1}{3}$ shaded?

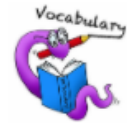
3) True or false?

$\frac{1}{3}$ of this shape has been shaded. Explain your answer.



4) Circle $\frac{1}{3}$ of the counters.





George's Marvelous Medicine

2a - Draw the meaning of words in context.

Understand the type of word in the sentence.

Noun verb adjective

- 1) Grandma sat hunched in her chair by the window.
- 2) The wicked little eyes followed George closely as he crossed the room towards her.
- 3) As George removed the cork and began very slowly to pour the thick brown stuff into the spoon, he couldn't help thinking back upon all the mad and marvellous things that had gone into making this crazy stuff.

01.12.2020 - Literacy

Add in a subordinate conjunction to join the main and subordinate clause together.

- 1) Ricky was hungry _____ he had not eaten much that day.
- 2) He cooked some chips _____ they were not very crispy.
- 3) He grabbed the ketchup and banged the bottom _____ it shot out everywhere.
- 4) He then ate his cheeseburger _____ it went cold.
- 5) _____ I have sent the card I walked back home.
- 6) _____ you forget will you buy some milk from the shop.

01.12.2020 - Topic



<https://www.youtube.com/watch?v=5if4cjO5nxo>

Join in with this workout.

Feel and count your heartbeat before and after.

Why and how did it change?



Wednesday

Maths

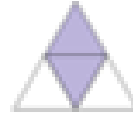
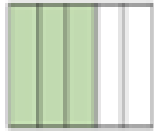
Reading

Literacy

Topic - DT

02.12.2020 - Maths

1) Identify the fraction of each shape shaded.



2) Colour $\frac{1}{5}$ of each shape.



3) Write the number of red counters as a fraction.

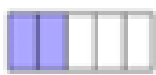
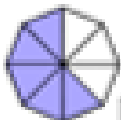

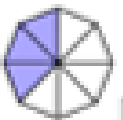
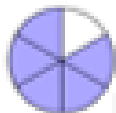
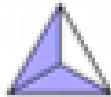

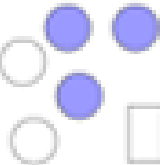
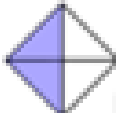
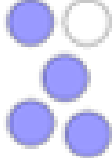

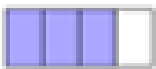


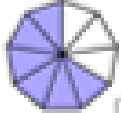



4) Write the number of green cubes as a fraction.

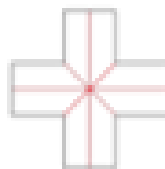
5) Write the number of yellow cubes as a fraction.



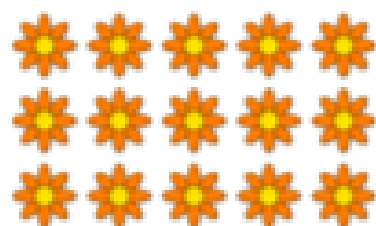
1) What fraction of each shape has been shaded/ highlighted?

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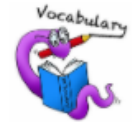
2) Shade in $\frac{1}{4}$ of the shape.



3) Circle $\frac{1}{5}$ of the flowers.



02.12.2020 - Reading



George's Marvelous Medicine

2a - Finding meaning of words in a sentence.

Use pages 41 - 43. Look for words that you are unsure of what they mean. Read the words around it and write what you think it might mean below.

02.12.2020 - Literacy

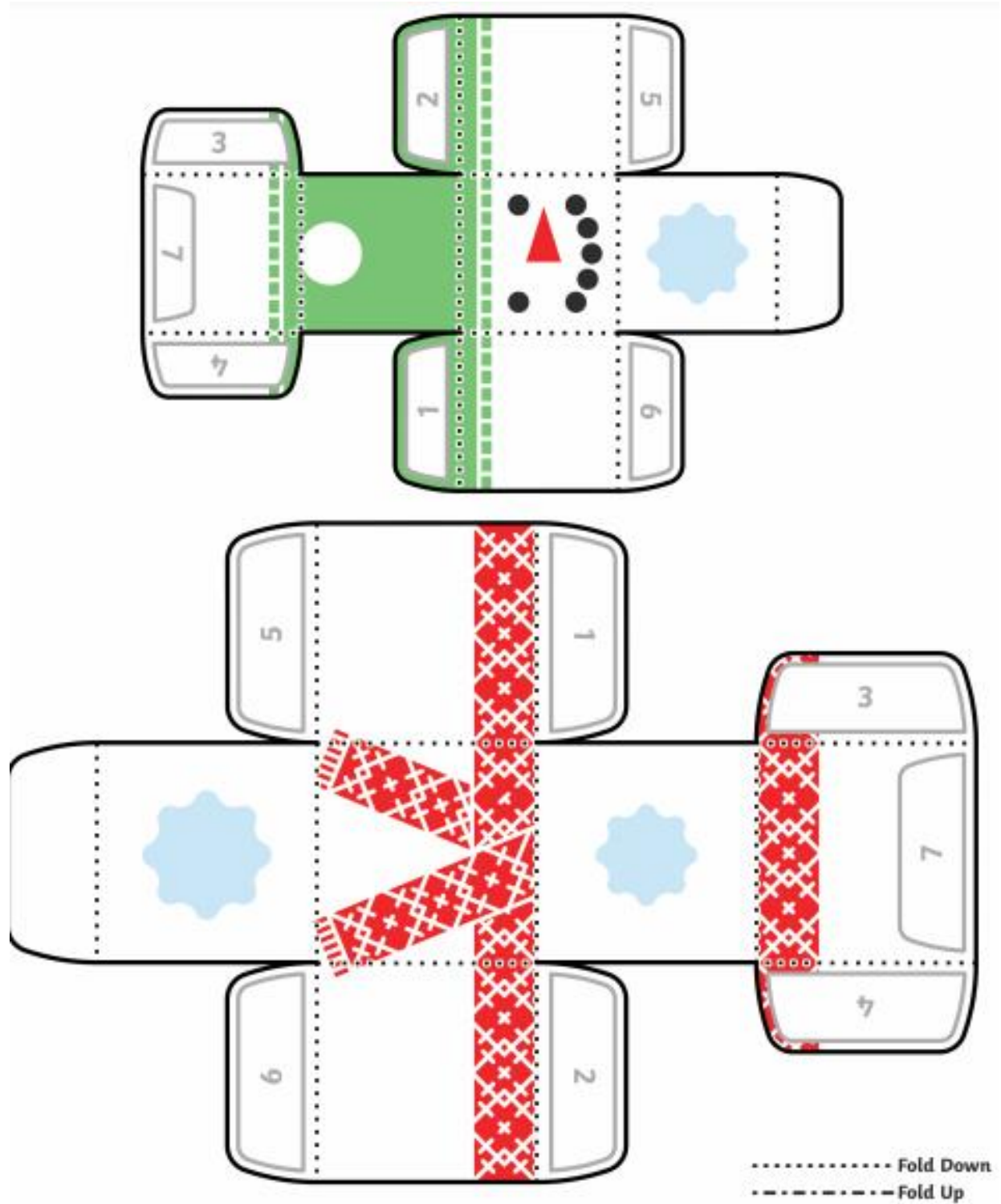
The Dreamgiver

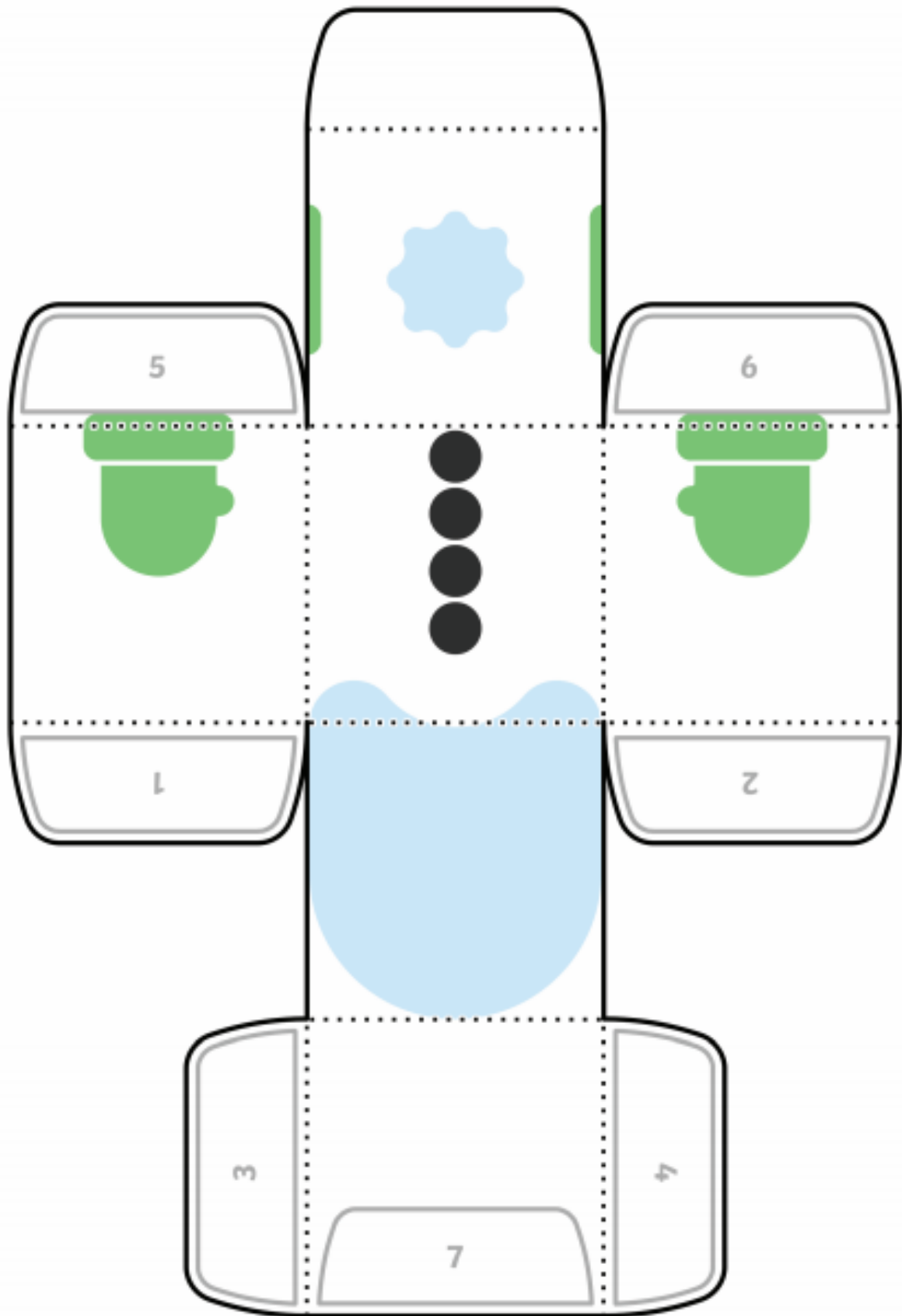
- What do they look like?
- What are they doing?
- How do they move?
-
- Use the work from yesterday to create a short burst write about the character of the Dreamgiver.

02.12.2020 - Topic

Cut out the 2 pages of nets to create your own snowman stack!

Page 1







Thursday

Maths

Reading

Literacy

Topic - Science

1) Here are some counters.



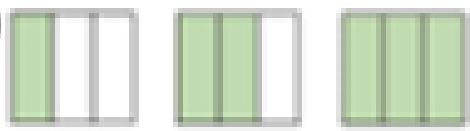
- a) What fraction of the counters are yellow?
- b) What fraction of the counters are red?
- c) Complete the number sentence to show one whole fraction.


2) Here is a tower of cubes.



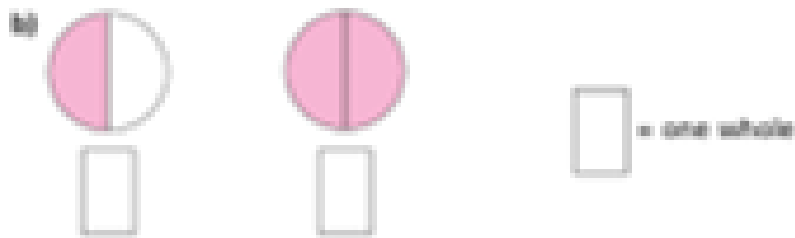
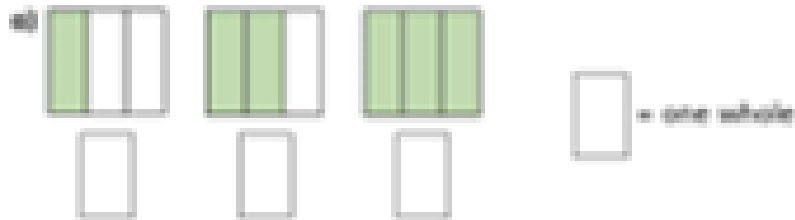
- a) What fraction of the tower is green?
- b) What fraction of the tower is blue?
- c) Complete the number sentence to show one whole fraction.

3) Fill in missing the missing information. Which fraction represents one whole.

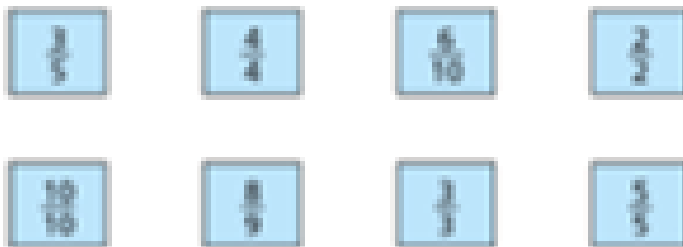
a)  = one whole

b)  = one whole

1) Fill in missing the missing information. Which fraction represents one whole.



2) Circle the fractions that are equal to one whole.



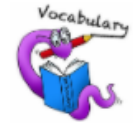
3) Here are $\frac{2}{3}$ of Jack's marbles. Draw in the rest of the marbles in the bar model.



4) $\frac{2}{5}$ of a group of children are girls. What fraction are boys?



03.12.2020 - Reading

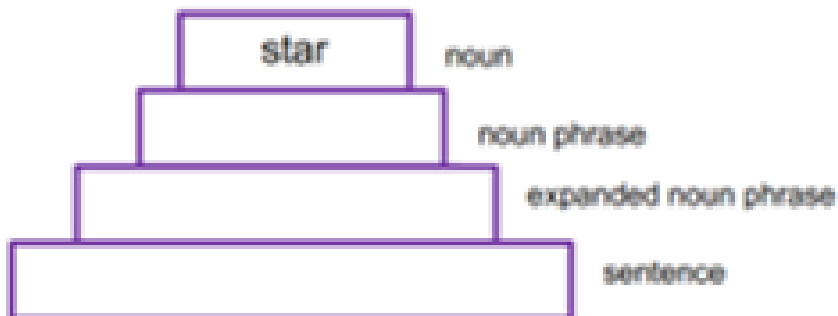
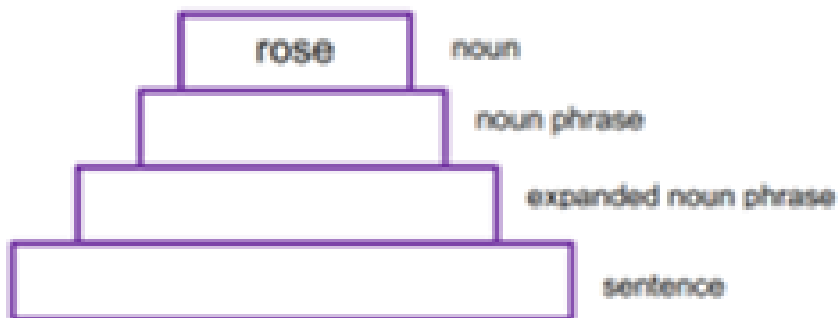
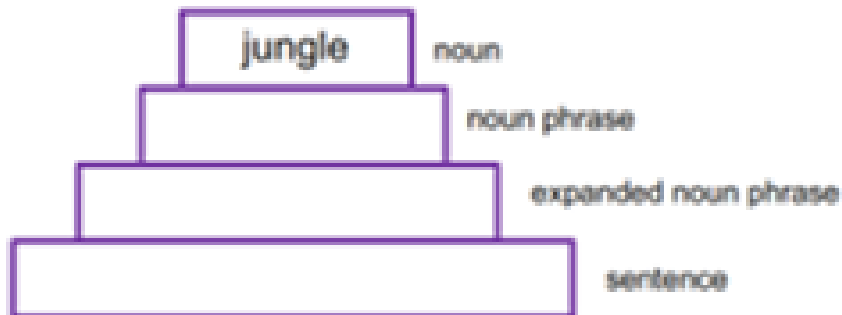


George's Marvelous Medicine

2a - Find words that are similar in meaning

- 1) Find two words that show she is growing slowly.
- 2) Find a word that is similar in meaning to start.
- 3) Find a word that can be used to describe someone tall and skinny.

Use the pyramid to help you build up an expanded noun phrase in a sentence.



03.12.2020 - Literacy

Using two adjectives (and a comma to separate them) write expanded noun phrases for the following pictures.

1)



2)



3)



4)



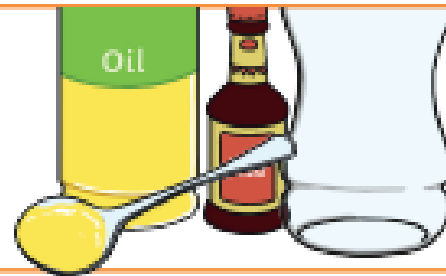
03.12.2020 - Topic

Lava lamps are used to calm people and they show us a lot about chemical reacts and the materials used within them. See below how to create your own version of one. There are lots of Youtube videos to show you in a video too:

<https://www.youtube.com/watch?v=9P02ILUcknY>

You Will Need

- Water
- Vegetable Oil*
- A Clear Plastic Bottle or Jar
- Food Colouring
- Effervescent Tablets



* Please dispose of oil safely and responsibly.

Method

- 1 Fill the bottle or jar a quarter full with water.
- 2 Top up, almost to the top with the vegetable oil
- 3 They should separate into two layers, water at the bottom and oil sitting on top.
- 4 Add about 6-8 drops of food colouring once the oil and water separate.
- 5 The colour will mix with the water at the bottom.
- 6 Pop in half an effervescent tablets and watch the bubbles form. Add more effervescent tablets bit by bit to keep the bubbles rising and falling.

The Science Bit

Firstly water and oil will not mix – this is because we say that water is a polar molecule – its structure means that it has a positive charge one end and a negative charge the other. Water molecules stick together because the positive end of one water molecule is attracted to the negative end of another. Oil molecule structure is different – it is non polar, meaning that its charge is more evenly spread out, so the oil is not attracted to water – in fact we call it hydrophobic (water fearing) so it tries to get as far away from water as possible and will not mix. The reason that oil rests on top of the water rather than underneath is because it has a different density to water.

As the effervescent tablets is added (this is made of citric acid and sodium bicarbonate) it reacts with the water and form carbon dioxide gas and sodium citrate. It is the carbon dioxide bubbles that carry the coloured water to the top.



Friday

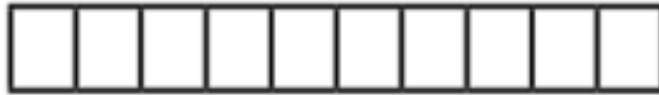
Maths

Reading

Literacy

Topic - crafts

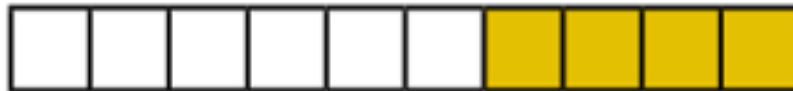
- 1) If the frame represents one whole. What does one box represent?



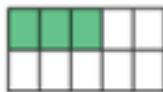
- 2) What fraction of the chocolate is circled?



- 3) The shaded fraction of the chocolate has been eaten. How much is left?



- 4) Match the fractions:



$$\frac{3}{10}$$

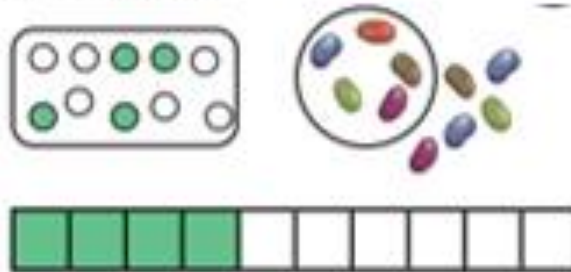


$$\frac{4}{10}$$

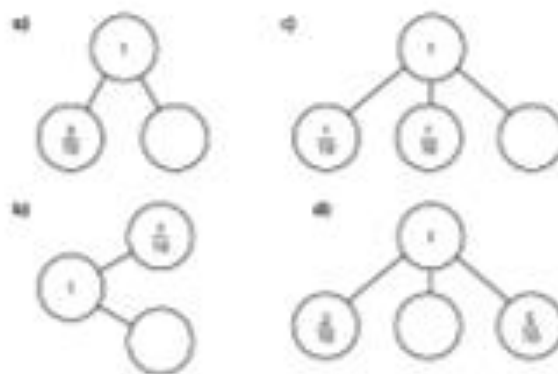


$$\frac{6}{10}$$

1) Which is the odd one out?



2) Complete the part-whole models.



3)



My denominator is 10. My numerator is greater than 3 but less than 9.

What could Hamed's fraction be? Explain how you know.

4)

Match the fractions to the correct descriptions.



My fraction is 7 tenths.

$$\frac{3}{10}$$



My numerator is half of the denominator.

$$\frac{7}{10}$$

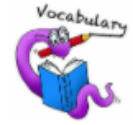


My fraction is the smallest.

$$\frac{5}{10}$$

Which two of these fractions make a whole? Explain your reasoning.

04.12.2020 - Reading



George's Marvelous Medicine

2a - Find phrases that show certain meanings.

- 1) Find a phrase that means *Grandma is excited*.
- 2) Find a phrase that means *Grandma is crazy*.
- 3) Find a phrase that shows *Grandma wants more medicine*.

04.12.2020 - Literacy

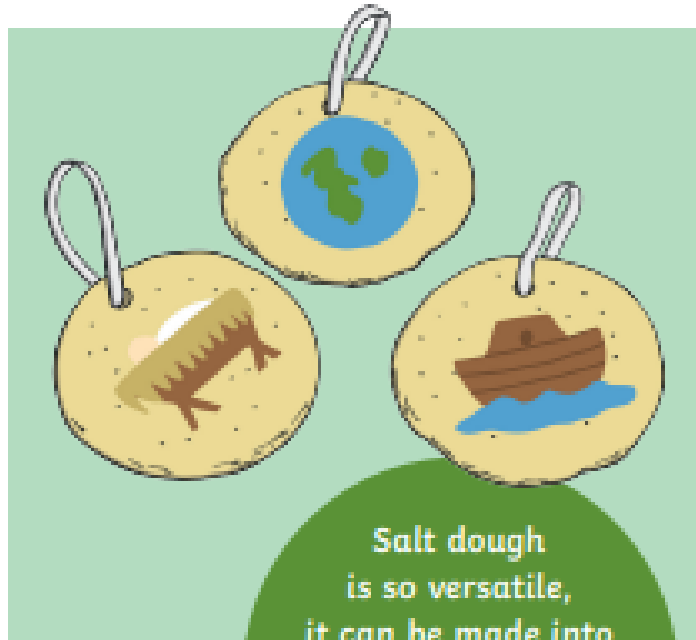
Highlight the prepositions in this passage.

In his room, the trees began to twist and turn underneath Max's bed. They rose up and over the bed frame, along the windowsill and around the door. Beside his bed, Max was curled in a ball, nervously watching the branches stretch out of the walls. Through the leafy bushes, Max could see a small wooden boat bobbing gently on top of the water. He slowly put his teddy down next to him and cautiously moved towards the boat. Was this a good idea? He didn't know...

Christmas Salt Dough Decorations

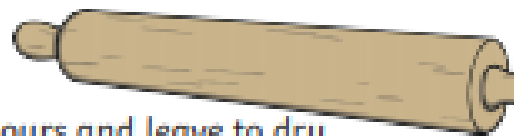
You will need:

- 1 cup of salt
- 2 cups of flour
- 1 cup of water
- Greaseproof paper
- Baking tray
- Drinking straws
- Christmas biscuit cutters
- Paint (Christmas colours)
- Paintbrushes
- Ribbon or twine



Instructions

1. Heat the oven to 120°C*.
2. Mix together the salt, flour and water to form a smooth dough.
3. Roll the dough out flat to 1cm thick.
4. Use the biscuit cutters to carefully cut out as many shapes as you can from the dough.
5. Lay the dough shapes out onto a greaseproof paper lined baking tray.
6. Use a straw to make a hole near the top of the decoration, where it will hang from the tree. Make sure it goes all the way through the dough.
7. Bake the decorations for 3 hours.
8. Leave the decorations to cool.
9. Paint the decorations with Christmas colours and leave to dry.
10. Once dry, thread the ribbon or twine through the hole and they are ready to hang on the Christmas tree.



*Please note that as an oven is needed, children should be closely supervised.