



# Maths at Guildhall Feoffment Primary School



MONDAY

## EYFS and Key Stage

### Looking for shapes at home



You can be detectives looking for shapes that are all around us.

1. Can you find a square in the kitchen?
2. Can you find a rectangle in your bathroom?
3. Can you find a circle in your bedroom?
4. What other shapes can you see around your house?  
Can you find a triangle anywhere in your house?
5. Can you draw what you have found?



- How many do you see?
- How do you see them?
- How do you know?
- How many are missing?
- How do you know?

### Maths Joke

An opinion without

3.14159

is just an onion.



## Year 5 and 6

### Cough mixture



Family Maths Toolkit

One family have sadly all got bad coughs. A bottle of cough mixture contains 500 ml of medicine.

- **ADULT DOSE**  
10 ML FOUR TIMES A DAY
- **CHILD DOSE**  
5 ML FOUR TIMES A DAY

Two adults and two children need to take the cough mixture every day for five days.  
Will there be enough cough mixture in the bottle?  
Talk about and explain your answer.  
Do you have any bottles of medicine in your house? What capacity do they have? How many dosages could you have from the bottle?



## Year 3 and 4

Some years we are lucky and have snow instead of rain!

1. Using a square piece of paper, fold it in half once and then in half again - into quarters.
2. Cut out half of some shapes from the edges of the paper. Cut different shapes, making sure you don't cut all along the fold.
3. Unfold the paper so you have a flat, whole piece again
4. What different shapes can you see in the pattern of your snowflake? Count how many you have of each shape you have? Can you draw your pattern?
5. Try this again but fold the paper into eighths and cut smaller shapes - how does this change your pattern when you open it out?



**Challenge -**  
Can you make a snowflake that only has four sided shapes in its pattern?  
How many lines of symmetry does your snowflake have?



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TUESDAY

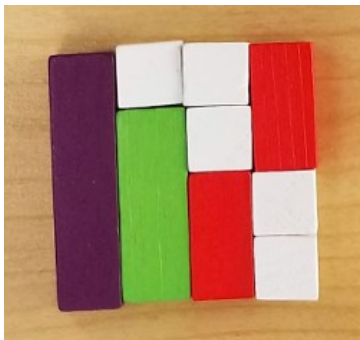
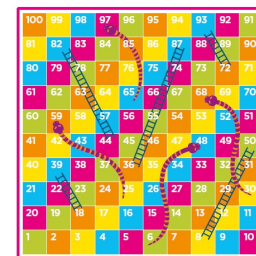
## EYFS and Key Stage 1

### Snakes & Ladders

Talk about

As you are playing, talk about the snakes. If you land on a snake, is it still possible to win in the end? Even with the snakes, will all players get to 100 eventually?

When you have all got to 100, had everyone taken the same route to get there?



- What do you notice?
- What stands out to you?
- What relationships do you see?
- How can you describe those relationships?
- What do you wonder?
- How could you rearrange these rods to show the relationships between them?

### Maths Joke

HOW DO FARMERS DO LONG DIVISION?

WITH A COW-CULATOR!



## Year 5 and 6

### Supermarket offers



A supermarket displayed these special offers:

- A packet of vitamin tablets (90) were sold '3 for the price of 2' with each packet starting at £1.80.
- A packet of the same vitamin tablets (30) were '3 for the price of 2' with each packet starting at 70p.

Which is the best deal?

## Santa's elves' café Year 3 and 4

This is what Santa's elves charge for food at their café:

- 1 mince pie and a cup of tea cost £4
- 2 mince pies and 2 reindeer biscuits cost £9
- 1 reindeer biscuit and 2 teas cost £2

1. What do you have to pay in total for 1 mince pie and 1 cup of tea?
2. What does each item cost on its own?
3. Can you make up your own puzzle like this for someone in your family? (Be sure to test it out!) Sell your favourite Christmas foods.

