

Wednesday 17th June

Good morning!

Maths: To compare fractions of an amount.

English: To hot seat the girl in The Promise and create a role on a wall.

Suggested afternoon activities –

Science: To find out about the climate and geography of Mexico. Choose another activity from the list or create your own.

The 'shul' sound at the end of a word is usually spelt 'cial' or 'tial'.

What do you notice about the letter before each spelling of the 'shul' ending?

confidential partrtial essential

special facial beneficial

THINK: How can this help us chose the correct ending?

Can you create a poster or rhyme explaining the rule for when you add the -cial suffix and when you add the -tial one?

ARITHMETIC: 3 IN 3! SEE IF YOU CAN DO THE 3 QUESTIONS IN 3 MINUTES.

1. $\frac{3}{4}$ of 16 =

2. $45 \times 6 =$

3. Mark bought 2 books.
Each book was £2.50. How
much did he spend?

MATHS:

This week in maths we are looking at fractions. Today we are going to look at calculating fractions of amounts and using this to help us to decide which of two amounts we would rather have.

To calculate $\frac{1}{2}$ we divide by 2. This is because the denominator (bottom number is 2).

The same thing happens if we are trying to calculate $\frac{1}{3}$. We would divide by the denominator, 3.

To find $\frac{1}{2}$ of 18, we would divide 18 by 2. This gives us 9, so $\frac{1}{2}$ of 18 = 9.

To find $\frac{1}{3}$ of 18, we would divide 18 by 3. This gives us 6, so $\frac{1}{3}$ of 18 = 6.

Things change a little if we have a numerator (top number) that is bigger than 1. For example, if we wanted to find not $\frac{1}{3}$ of 18, but $\frac{2}{3}$.

To find $\frac{2}{3}$ of 18 we need to do two steps:

1.) Find $\frac{1}{3}$ using the method we looked at on the last slide.

$$\frac{1}{3} \text{ of } 18 = 18 \div 3 = 6$$

2.) Then we need to multiply our answer by the numerator (number on top).

$$2 \times 6 = 12$$

So, $\frac{2}{3}$ of 18 = 12

Answer these would you rather questions using your knowledge of calculating fractions of amounts:

Challenge 1:

Would you rather have?

- 1.) $\frac{1}{2}$ of £60 or $\frac{1}{4}$ of £80?
- 2.) $\frac{1}{5}$ of 10 donuts or $\frac{1}{3}$ of 9 donuts?
- 3.) $\frac{1}{6}$ of 18 muffins or $\frac{1}{8}$ of 32 muffins?
- 4.) $\frac{1}{100}$ of £1000 or $\frac{1}{10}$ of £100?
- 5.) $\frac{1}{2}$ of a 500ml bottle of cola or $\frac{1}{3}$ of a 300ml can?

Challenge 2:

Would you rather have?

- 1.) $\frac{2}{5}$ of a bar of chocolate or $\frac{2}{4}$ of a bar of chocolate?
- 2.) $\frac{4}{6}$ of 18 muffins or $\frac{3}{4}$ of 20 muffins?
- 3.) $\frac{2}{3}$ of a 300ml can of cola or $\frac{2}{5}$ of a 500ml bottle?
- 4.) $\frac{1}{3}$ of 9 Brussel sprouts or $\frac{4}{5}$ of 10? (This depends on if you like them or not!)
- 5.) $\frac{4}{8}$ of 8 apples or $\frac{2}{6}$ of 6?

Extension!

1.) Can you work out what $\frac{1}{2}$ of $\frac{1}{3}$ of $\frac{1}{4}$ of 24 is?

Clue: You will need to work backwards for this!

2.) Brian has £20. If Alex had $\frac{1}{4}$ of her money, she would have the same amount as Brian. How much does Alex have?

ENGLISH: To hot seat the girl from The Promise and create a role on a wall.

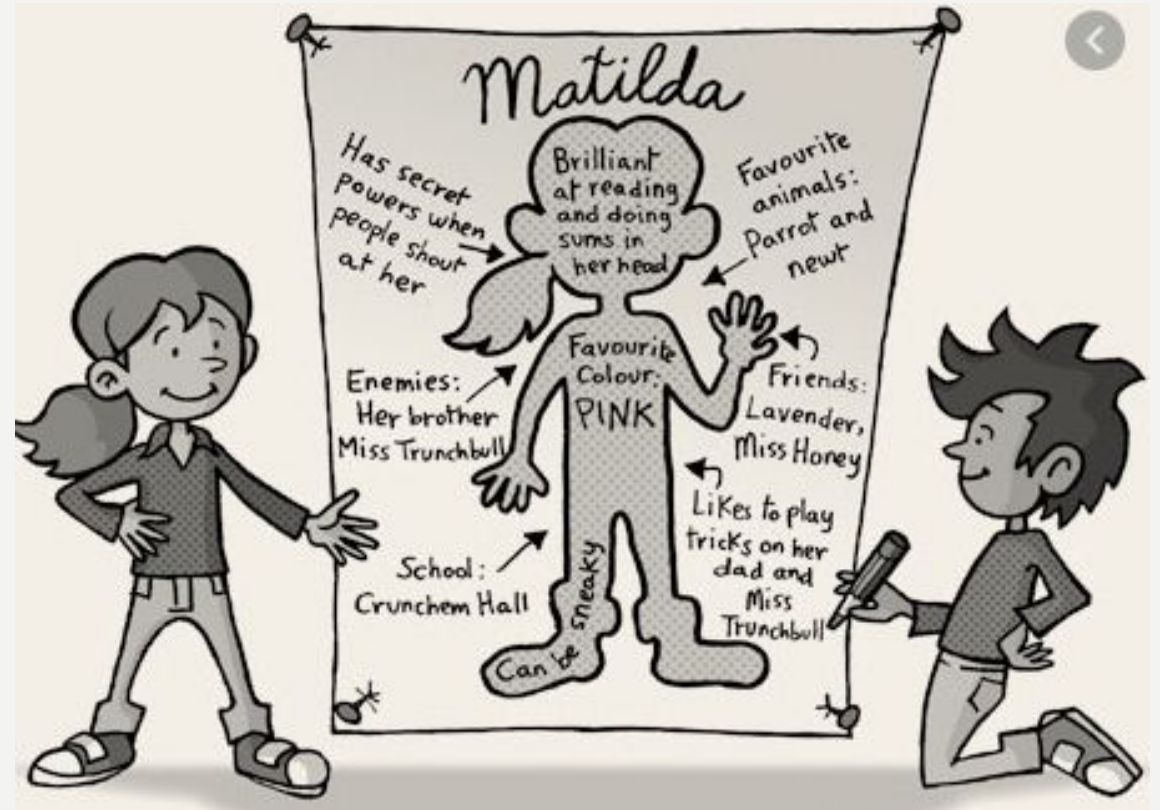
Today I would like you to do some drama called hot seating. You will need to do this with someone else in your family. One of you will need to be the girl in the story and the other person is going to ask questions.

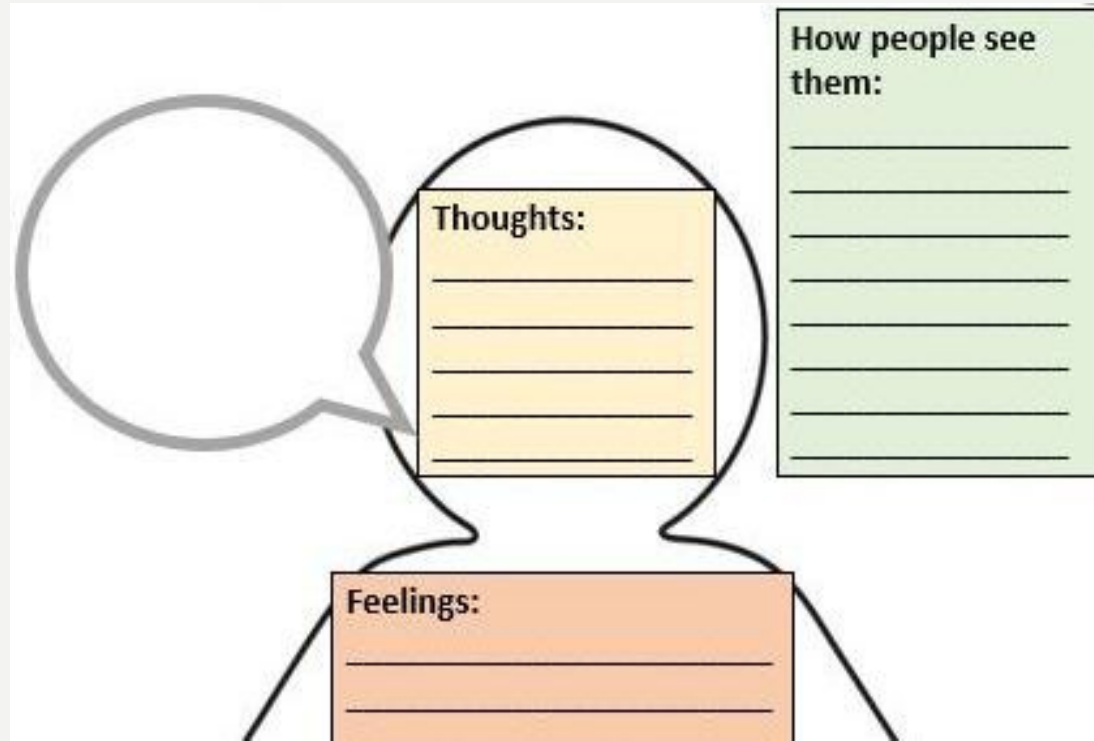
Your aim is to try to find out why the girl stole the old lady's bag and how she feels about it. Remember you can watch the story being read here: <https://vimeo.com/73026206>

- If you are being the character of the girl, try to think about how she would be feeling after robbing the old lady and try to reflect this in your answers. Does she feel guilty about the worry she might have caused her, surprised or confused by what was in the handbag, happy that she has a way to make the city more pleasant or overwhelmed by the task of planting all the acorns, regretful of the promise she made?
- If you are the person asking the questions, here are some you might like to ask:
 - Why did you grab the lady's bag?*
 - What were you hoping was in it?*
 - Do you think it was a good thing to do?*
 - How did you feel when the lady wouldn't let go?*
 - What was your first reaction when you saw the acorns?*

After hot seating the character of the girl, create a character profile of her. Sometimes we call these a 'role on a wall'. They often look like this:

- First, draw an outline of your character. This could be their whole body like the picture, or just head and shoulders.
- Next, write their name at the top. We don't know the girl's name, so just call her the girl.
- Inside the outline write down everything you know about the character.
- Some of this may be obvious like that she lives in a grey and ugly city, but some ideas you will need to use your detective skills for, for example thinking about how she feels about the city. You could write something like 'is fed up of where she lives and has become mean and hard and ugly'.





Challenge: If you want to try a more challenging role on a wall, try to think about how other people might see the girl and write these thoughts around the outside of the character. For example, you could consider how the old lady sees the girl or how other people in the city might view her and her actions.

Mexico

Today we are starting a new topic of Mexico, which we will continue with for the next 4 weeks. This week we will be looking at the climate and geography of Mexico.

1.) INTRO TO MEXICO - <https://www.bbc.co.uk/bitesize/clips/zbdmpv4>

Climate zones - <https://www.bbc.co.uk/bitesize/clips/zr7hyrd>

2.) Can you look up this week's weather forecast for Mexico and compare it to the weather forecast for this week wherever you live? Could you plot the climate for each day in each country on a line graph?

3.) Draw/copy out a map of Mexico and label the different regions. What is the climate like in each?

Colour them a shade of red for hot and blue for cold and draw a key showing colours and temperatures. How do physical features like mountain ranges and the rainforests of Mexico affect the climate?

4.) Find out about the wet and dry season in Mexico and why the landscape and climate is different in the North and the South of the country. Look at a globe and find which part of Mexico goes through the equator. You could sketch this or write about it.

5.) Create a holiday brochure for one of the regions of Mexico to sell a holiday there. You could choose the tropical South and describe all the activities you could do at the beach. You could even design a hotel for your destination!

6.) Find out about native plants and animals to Mexico. What animals live in the Northern desert regions, the rocky mountain ranges or the tropical peninsular?

7.) Make a list of the natural and man-made landmarks in Mexico. Can you locate the capital city and some other major cities?

