

Kestrels - Friday 3rd April 2020

Maths- Investigating volume of cubes

English- Goodnight Mister Tom Chapter 11 comprehension.

Science- A dip into alchemy!

Weekly tasks to do when possible:

Grammar: Write some sentences and colour the different word types different colours. Can you name all of the parts of a sentence?

Spelling: Practise writing words with the suffixes -ssion and -cian and then cover them and rewrite them.

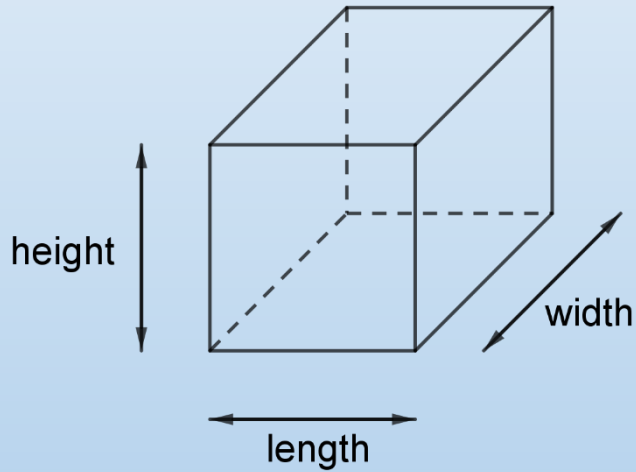
Arithmetic: Practise adding, subtracting, multiplying and dividing decimals.

Please make sure you are reading daily, for at least 20 minutes.

Maths

L.O: To investigate volume of cubes.

Yesterday you investigated how to make successful nets of cubes. Today I would like you to try to make cubes with specific volumes. This is a problem solving activity! Make sure you use the calculation below to help.



How to calculate Volume of cubes and cuboids:

Multiply the height, length and width of the shape.

Units for volume are cm^3 , m^3 etc.

Challenge- Can you make a cube with the volumes below:

- 27cm^3
- 125cm^3
- 216cm^3
- 512cm^3

Hint: for cubes, you multiply the same number by itself 3 times.

e.g. $1 \times 1 \times 1 = 1$, $2 \times 2 \times 2 = 8$

Extension challenge:

How many cuboids can you make with the volume 25cm^3 ?

English

L.O: To answer questions about the next chapter of Goodnight Mister Tom.

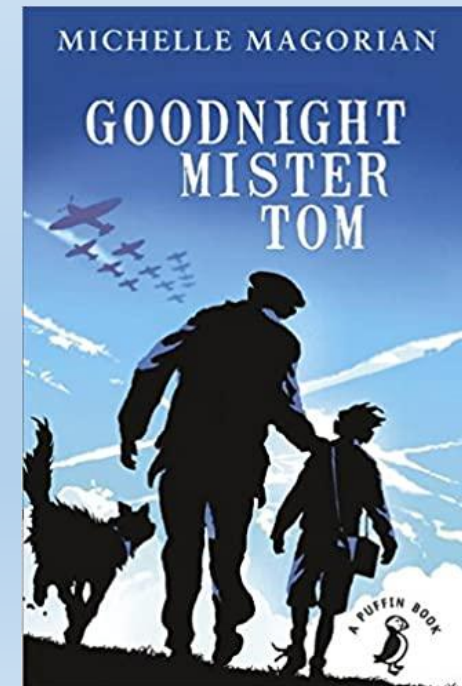
Please ensure you have read the next chapter (chapter 11) of the book.

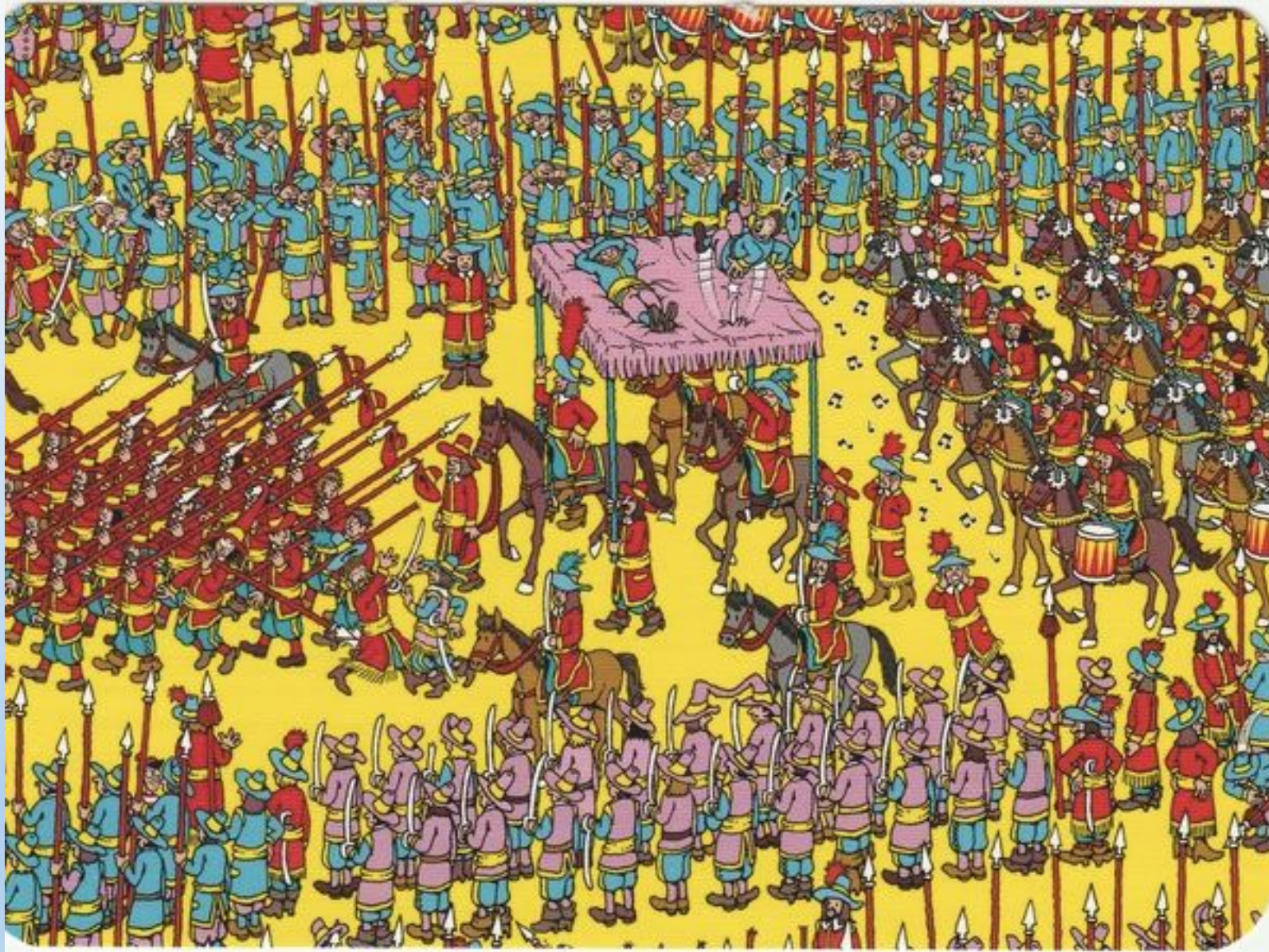
Due to copyright, I have had to put this on the class website as a separate PowerPoint which is Password protected.

If you have any trouble downloading it, I can email it to you separately, please just comment on the post on Facebook or email.

The Password for this is: GMTKestrels11

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Skim and scan activity:

Where's Wally?

Word detectives (retrieval)

1. What colour hair does Mrs Fletcher have (pg 152)?
2. Is Willie's mother going to visit him in Little Weirwold (pg 153)?
3. Why can't Zach join the Christmas Carol service (pg 160)?
4. What food does Mister Tom bring the children (pg 163) ?

Building blocks (VGPS)

1. Find and copy the word which means 'colourless' (pg 154).
2. In the line 'I finished me readin' book today and I starts the last on on Mondee', why doesn't the author use standard English?

Inference questions

1. Why does Tom say 'I wish he would be bad' (pg 153)?
2. Why does Mrs Fletcher think Tom has changed?
3. What season is it? How do you know? (pg 154)
4. Why did Willie expect to see two horns appear out of Zach's head (pg 160)?
5. What is the impact of the short sentence 'They were dry.' in relation to Willie's sheets at the end of the chapter (pg 165)?

Extension task:

Draw your impression of what Willie looks like now in comparison to how he looked when he arrived. What has changed about him?

Science

L.O: To investigate the beginnings of Chemistry.

One of the reasons why chemistry became an actual thing is because people through History were trying to create gold!

You are going to use your scientific knowledge today to create an idea for how to make something magical.

An example: To make the toenails from a giant I could take my own toenail clippings (bleurgh), plant them into some miracle grow in the garden, ensure I water them and that they are in the sunlight. I am doing this because I think toenails are a natural thing so would grow in the right conditions, similar to a plant.

Things you could try to make:

- A unicorn
- A potion to shrink someone
- A liquid to turn things to solid gold
- Anything else you like! Remember to use your understanding of different scientific processes!

