

Home Learning for Thursday 20th January 2022

Maths

LO: to divide 3-digits by 1-digit using short division, with exchanging and remainders.

Complete the questions below using short division:

1. $472 \div 3 = ?$
2. $943 \div 3 = ?$
3. $453 \div 4 = ?$
4. $857 \div 4 = ?$
5. $716 \div 5 = ?$
6. $812 \div 5 = ?$

Here is a link to a short demonstration video:

<https://www.loom.com/share/7261528bdf474a559e105de8c71f9a51>

Extension activity: can you write your own questions with exchanges and remainders. Hint – your times tables knowledge will be tested!

If you found these questions too hard, have a go at these instead:

1. $505 \div 5$
2. $482 \div 2$
3. $969 \div 3$
4. $284 \div 2$
5. $808 \div 8$
6. $909 \div 9$

English

LO: to use dialogue in a character introduction

Please watch episode one all the way through and episode two up to 1m52s:
www.bbc.co.uk/teach/school-radio/english-ks2-ks3-beowulf-index/zfbhpg8

Create your own hero character and introduce them in your story. Include all the positive features of your hero (she is strong, brave, determined) and remember to use speech rules when characters are talking.

All is well in your kingdom (introduction)

An evil monster appears and wreaks havoc (build-up)

Word gets out about the monster and your hero appears and sets off to fight!

For example:

Meanwhile, in a far away land, [your hero] hears about the terrible goings on in [your kingdom]. She gathers all her soldiers and sets sail to save the people in danger...

"I have come from... to save your villagers from this evil beast of the night!" declared [your hero].

Continue the conversation...

DT

LO: to explore pulleys and gears

Your task – find out all you can about pulleys and gears, how they work and what they are used for. Include real-life examples of where pulleys and gears are used. Make a poster or PowerPoint presentation of what you find out.

Include the following technical words: driver, follower, wheel, groove, rope/cable, gear, cog, teeth.

You can include labelled diagrams.

Other activities:

- Accelerated reader quizzing
- 20-30 minutes reading
- Hit the button (www.topmarks.co.uk/maths-games/hit-the-button)
- TT Rockstars
- Finish/start your science poster explaining everything you know about the following FORCES: gravity, water resistance, air resistance and friction.