Just to keep you going Thursday

TOPIC
Watch this clip about reversible/ irreversible changes
https://www.bbc.co.uk/bitesize/topics/zcvv4wx/articles/z9brcwx
Make a table of any reversible/ irreversible changes you come across in your house. If you have the ingredients and someone to help you (please remember—your parents are very busy!), perhaps you could try "doing" an example of an irreversible change (e.g. make a cake) and a reversible one (e.g. make ice lollies). Good luck and send us some photos!

ENGLISH
Today we would like you to think of as many food ideas as possible that could go on a menu for Iron Man. Remember, he can only eat metal, so this won't be ordinary food! You might like to start by researching and mind mapping different metals and the forms they come in (e.g. copper, aluminium, steel and chains, sheets, filings) before you start, but this is not essential.

Try to use your knowledge of alliteration and make the food sound like the food we eat e.g. metal meatballs, iron ice-cream, metallic milkshake. Be as creative as you can be and try to think of complete meals with delicious descriptions. See page 3 for an example.

MATHS
Today we would like you to complete some word problems. Remember to read them carefully—some have more than one step! Each step of the question must be correct for the final answer to be right. Check, check and check again!

KEEP CALM AND CHECK, RECHECK AND CHECK AGAIN

SPELLING
Ask someone to test you on your words. Practise any that you didn't quite get right this time. What was the tricky part?

TABLES
Make fact families for all the facts in the 4 x table e.g. 4x2 2x4 8÷2 8÷4. Can you draw something to explain how this works?

Fitness Corner
Sit up challenge – how many can you do in 1 minute. Can you feel the point where your muscles are working the most?

FUN!
😄 😄 😄 😄 😄

What did 0 say to 8?

Nice belt!

Wednesday's answers and feedback

Which questions are easy? Which questions are hard?

8,7273 + 4 = ____

8,273 + 4 tens = ____

8,273 − 500 = ____

8,273 − 5 thousands = ____

Why are some easier than others?

8,273 + 4 and 8,273 − 5 thousands are easier because you do not cross any boundaries. 8,723 + 4 tens and 8,273 − 500 are harder because you have to cross boundaries and make an exchange.

Two children completed the following calculation:

1,234 + 345

Dora: My answer is 1,589.

My answer is 4,684. — Alex

Both of the children have made a mistake in their calculations.
Calculate the actual answer to the question.
What mistakes did they make?

The actual answer is 1,579
Dora's mistake was a miscalculation for the 10s column, adding 30 and 40 to get 80 rather than 70
Alex's mistake was a place value error, placing the 3 hundred in the thousands column and following the calculation through incorrectly.

Rosie adds 2 numbers together that total 4,444

Both numbers have 4 digits.

All the digits in both numbers are even.

What could the numbers be?
Prove it.
How many ways can you find?

Possible answers:

2,222 + 2,222
2,244 + 2,200
2,224 + 2,220
2,442 + 2,002
2,242 + 2,202
2,424 + 2,020
2,422 + 2,022
2,444 + 2,000

There are more possible pairs. This includes 0 as an even number. Discussion could be had around whether 0 is odd or even and why.

English

- Did you manage to improve your work?
- Why is it better now?
- Why is editing your work important?
- Is it easy to spot your own mistakes or is it easier to spot someone else's? Why do you think that is?
- Do you think you could be an editor when you grow up?
- Look at the words you misspelt. Did they have a pattern/rule in common that you could learn to help you in future?

Thursday's work

Word problems

1. Abigail bought 264 daffodil bulbs to plant in her garden. She found she already had 139 left from last year. How many does she have altogether?

2. Nick is the all time champion when it comes to sit ups. Yesterday he did 193 and today he has already done another 108 (his back was hurting a bit!). How many sit ups is that altogether?

3. Emily has made lots of phone calls this week. On Monday, she was on the phone for 78 minutes. On Tuesday, she was on the phone for 154 minutes. On Wednesday she was on the phone for 385 minutes! How long has Emily already spent on the phone this week?

4. Kayleigh has been checking she has enough rice. She has 1639 grains in one bag and 2615 in another bag. How many grains of rice does Kayleigh have altogether?

5. Megan has been walking her dog regularly. On her usual walk, she does 3827 steps before she turns around and walks the same route home. How many steps does she take altogether?

6. Last week, Marketa got on the train to London. There were 720 people on the train after her stop. At the next stop, 371 got off, and 412 got on. How many people were on the train then?

7. Jo loves running. Last year she ran a total of 4296 miles. So far this year, she has run 3248 miles. She wants to run 10,000 miles over the 2 years. How many more miles does Jo need to run this year? You might want to draw a bar model to help you.

Make your own word problems up for a brother/sister if you have one.

Iron Man menu example:

Mini surprise: mouth-watering mini car filled with lashings of galvanised steel.

Metal meatballs: Delicious balls in a rusty Bolognese sauce with iron chain spaghetti.

Iron ice-cream: Yummy iron ice-cream topped with molten metallic sauce, sprinkled with iron filings.

Tomorrow you will design and decorate a complete menu for Iron Man.