



HOME LEARNING

YEAR 5

23/06/2020

Morning Message

Meeting ID: 751 802 3376

Good morning Year 5,

We would like to wish a big Happy Birthday to both Melino and Mohammed – we hope you have fantastic days 😊 😊.

Today we are continuing with our non-fiction text and in maths we are moving onto looking at how to divide decimal numbers by 10. It's important we think carefully about the place value of each digit.

Yesterday's anagram

Italy

Today's anagram

fiacra

Have a lovely day,

Ms Gayer and Mr McCann

This week's Pictures



Writing

Tuesday - write an introduction to our leaflet

We will write a short introduction today which will tell the reader *why* to exercise. Look again at the example from yesterday about why to eat healthily.

Write LO: To write an information leaflet

Carry on writing underneath this LO all week, without writing new LOs every day.

Firstly, write a title for your leaflet and underline.

Write a detailed introductory paragraph underneath. You might include:

- how exercise is good for our body
- how exercise is good for our mind
- how it is good for the planet (riding to school rather driving, for example)
- fun thing to do with friends

Tips for success:

- engage the reader and make them feel excited about exercise
- use an informal, colloquial style to connect with the reader
- use appealing descriptive vocabulary

Reading

Day 2

Use a dictionary to write definitions and sentences for the words you didn't understand or underlined. If you think you know all the words pick the trickier words and prove that you know them by defining them and use them in a sentence. Make sure to get an adult to check that you are right.

Challenging words: vague, propped

My heart is thumping so fast, I feel like it wants to jump right out of my chest. My shoulder muscles are aching and my hands burn as they pull the oars. Behind me, I can hear Jim counting the strokes – two hundred and ten, two hundred and eleven ... As I lean backwards on each stroke, I can sense my ponytail brushing the floor of the boat – swish, swish, swish. The boat is rocking like crazy, and I wonder if I'm going to be thrown out. A sudden rush of ice-cold water hits me in the face, and drips down my cheeks, but I don't even blink. I have to keep going, no matter what. A small silvery fish flies past my face, just missing my nose. I want to give up, but I can hear Beth's voice from what feels like a million miles away.

'Keep going, Molly. You can do it. Don't stop now – you can't let the team down. We're almost there.'

It seems like a million years have passed before I hear the most beautiful sound in the world – the bell announcing the end of the race. I let go of the oars, and before I have time to check my hands for blisters, Beth is hugging me.

'We did it!' she shrieks. 'We did it!'

My legs are a bit wobbly as I climb out of the boat so I quickly sit down on the grass next to the washing line. Mum hands me a glass of water.

'Well done, darling,' she says. 'All you needed were three hundred strokes in your ten minutes, and you even went over that! You and Beth have beaten Jim and me in the Saturday challenge – again!'

I don't know what it feels like to row the whole way across the Atlantic, but I wonder if it feels a bit like this?

Even though I was rowing a battered old dinghy that Jim found in a skip somewhere.

Even though the boat was on the grass, and Mum had been rocking it from side to side while I rowed.

Even though the spray of water came from the garden hose that Jim was holding.

Even though the only fish in the garden came from an old fishing game Beth had found in the shed.

Even though the finishing bell was a saucepan and a wooden spoon.

Beth was dancing around the garden, singing 'We are the champions.' Mum and Jim were laughing like little kids. I lay back on the grass and tried to catch my breath.

My best friend Beth and her dad moved in with Mum and me ages ago. At first that was really weird, but now I was getting used to it, and sometimes I can hardly remember a time when they didn't live with us. Like all dads, Jim can be a bit annoying sometimes, but he comes up with the craziest and best ideas. The Saturday challenge was in its third week, and it was always Mum and Jim against Beth and me. The rules were a bit vague, but no one cared – mostly we were all too busy laughing for anything else to matter.

The first week, Jim set up a very complicated obstacle course in the garden, where you had to run the first half in odd wellies, and the second half with a glass of water in your pocket. The second week, we all had to pretend to be horses, jumping over bamboo canes propped up on kitchen chairs, with extra points for the best horsey sound effects. These things might sound a bit lame and stupid, but as long as you know there's no one planning to make a video and post it on YouTube, they are really, really fun.

After a while, everyone calmed down.

'That was so brilliant, Jim,' I said. 'I think that was the best challenge ever.'

'Thanks, Molly,' he said. 'I do my best – and wait till you see what I've got planned for next week.'

'Tell us, please, Dad!' said Beth. 'I don't think I can wait a whole week to find out.'

'Sorry, sweetie-pie,' he said as he put his arm around her. 'You're just going to have to be patient. Now let's go inside, I think it's time we ordered that takeaway you've been promised. How about we get a big pot of Irish stew?'

Maths

Lesson 14 – dividing with decimals

In this lesson you will be using our knowledge of place value to help us divide decimal numbers by 10. When we multiply a number its digits move to the left, because the number is getting greater. If we divide a number the digits move to the right as the number is decreasing in value. If we divide a number by 10, we move the digits 1 decimal place to the right. See example below.

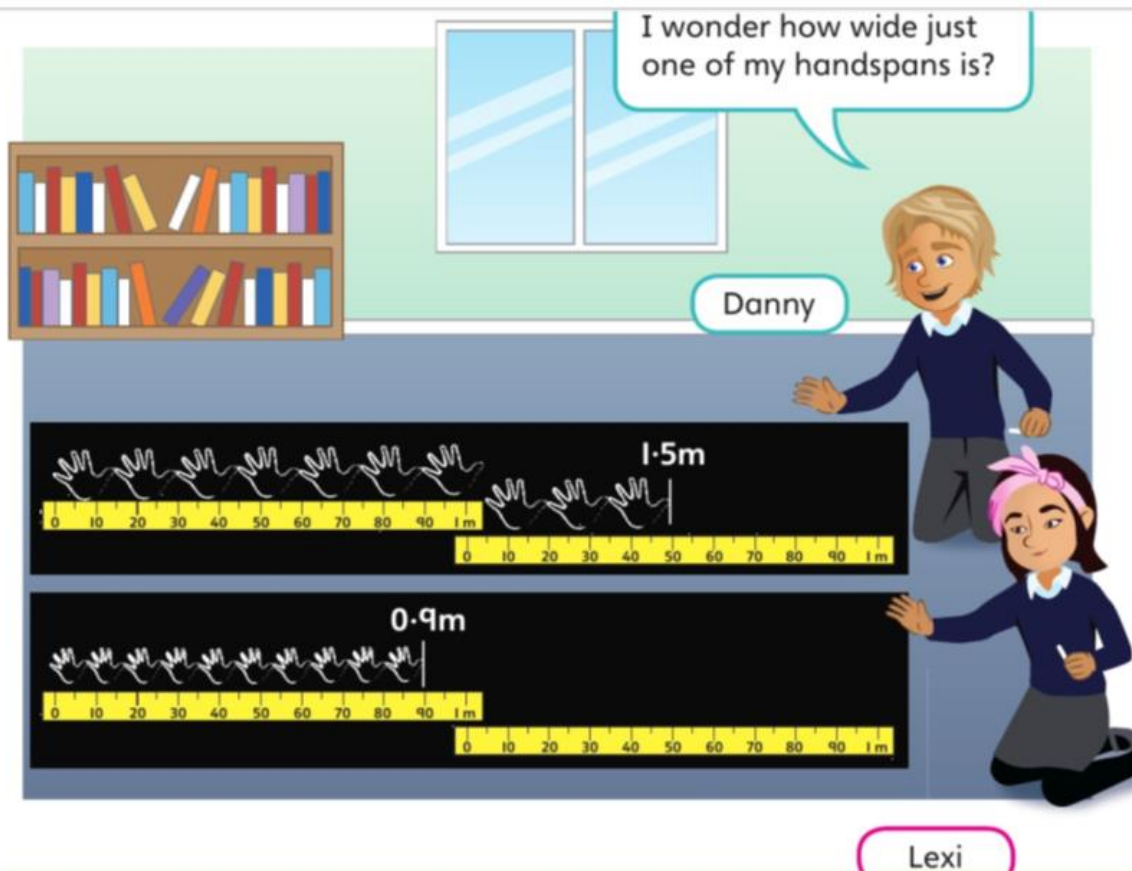
$$7.43 \div 10 = 0.743$$

Thousands	Hundreds	Tens	Units	•	Tenths	Hundredths	Thousandths
			0	.	7	4	3

Key vocabulary: divide, digit, division, place value, ass, share, group, width, difference, column, metres (m), kilograms (kg), pounds (£), pence (p), litres (l).

Remember! please use the place value chart below to help you when dividing decimal

Thousands	Hundreds	Tens	Units	Decimal Point	Tenths	Hundredths	Thousandths	Ten- Thousandths	Hundred thousandths
				.					
				.					

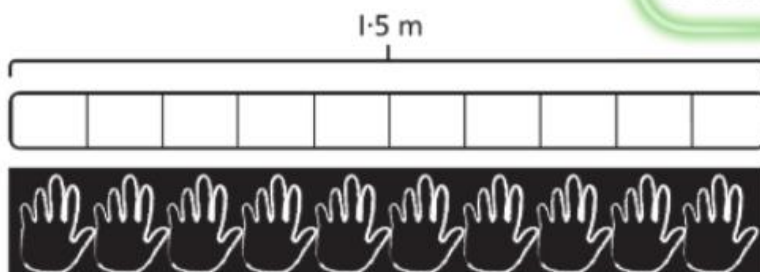


- I** a) What is the width of one of Danny's handspans in metres?
- b) In metres, how much narrower is Lexi's handspan than Danny's?

Share

a) Ten of Danny's handspans are 1.5 m long.

I need to divide each number by 10 to work out the width of each handspan.



O	•	Tth	Hth
1	•	5	

Share 1.5 into 10 equal groups.

O	•	Tth	Hth
1	•	50	

We share one 1 counter by exchanging it for ten 0.1 counters.

O	•	Tth	Hth
	•	50	50

If we divide 15 by 10 we get 1 and 5 left over.

We need to exchange these for fifty 0.01 counters.

If we divide 50 by 10 we get 5.

$$\text{So } 1.5 \div 10 = 0.15$$

The width of one of Danny's handspans is 0.15 m.



O	•	Tth	Hth	THth
1	•	5		
0	•	1	5	

I notice that when I divide by 10, the digits move one place to the right.





b) Ten of Lexi's handspans are 0.9 metres wide in total.

$$0.9 \div 10 = 0.09$$

One of Lexi's handspans is 0.09 m wide.

$$0.15 - 0.09 = 0.06$$

Lexi's handspan is 0.06 m narrower than Danny's.

O	.	Tth	Hth
0	.	9	
0	.	0	9



I worked out the difference of the 10 handspans first and got 0.6. Then I divided 0.6 by 10.

The zeros are important as they ensure the other digits are in the correct columns.



Think together

1 Toshi makes a line of 10 footsteps.



How long is each of Toshi's footsteps in metres?

O	.	Tth	Hth
2	.	6	
	.		

O	.	Tth	Hth
2	.	6	
	.		

Each of Toshi's footsteps is m.

2 Work out the missing numbers.

H	T	O	•	Tth	Hth	Thth
			•			
			•			

a) $0.92 \div 10 = \square$

c) $95 \div 10 = \square$

e) $89.02 \div 10 = \square$

b) $53.6 \div 10 = \square$

d) $\square \div 10 = 5.86$

f) $\square \div 10 = 1.002$

3 Use the pictures to answer the questions.



a) Danny mixes the water and squash. He shares it equally between 10 glasses. How much drink is in each glass?

b) How much does 100 ml of milk cost? What about 200 ml?

c) The rice is shared between 20 saucepans. How much rice is in each saucepan?

I know there are 10 equal parts of 100 ml in 1 litre.



I think I can put half the rice in 10 pans and work it out from there.



Now complete pages 45–47 in your power maths books.

Thursday: Go on the Mathletics website to complete the tasks that have been set.

<https://www.mathletics.com/uk/>

Weekly Spellings

The rule for this week is words with **'silent' letters**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

e.g. they visited several foreign countries.

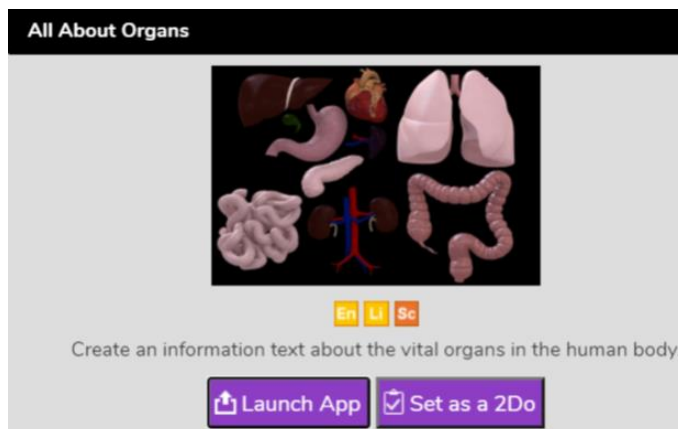
doubt
island
solemn
thistle
knowledge
architect
fluorescent
fascinate
foreign
conscience
abscess
wrought
mortgage
catacomb
resuscitate
obscene
succumb
choreograph
benign
mechanic

Foundation Work (for the week)

Science– due Friday at 12pm

This week we are going to be doing a science topic. We thought it would be interesting for you to learn about the different roles organs play in our bodies!

Your task is to research all about organs and using the tools on purple mash, create an information text about the vital organs in the human body. For example: The pancreas is an organ located in the abdomen. It plays an essential role in converting the food we eat into fuel for the body's cells. It has two main functions: an exocrine function that helps in digestion and an endocrine function that regulates blood sugar.



The screenshot shows a task interface on Purple Mash. At the top, it says "All About Organs". Below this is a central image of various human organs including the liver, stomach, lungs, intestines, and kidneys. Underneath the image are three small colored boxes labeled "En", "Li", and "Sc". Below these boxes is the instruction: "Create an information text about the vital organs in the human body." At the bottom of the task area, there are two buttons: "Launch App" and "Set as a 2Do".

Diary

Write a diary of what work and activities you did today. Remember to include your emotions and opinions.