HOME LEARNING

YEAR 6

22/04/2020

Morning Message

Good morning Year 6,

We hope you are well today and have been getting back into the swing of home learning. For each daily writing task, we suggest spending around one hour per day. If you particularly enjoy one of them, and want to spend longer finishing or perfecting it, then feel free! We would love to read some of your favourite finished stories or articles when we see you again.

The answer to yesterday's riddle is *silence.* Today's riddle is: *Anyone can hold me, even without their hands, but no-one can do it for long. What am I?*

Enjoy the lovely weather once more.

Mr Larke and Ms. Yerlisu

Today's Picture

Writing

Imagine you have designed and built a brand new town on the banks of a river. Your job now is to create a leaflet persuading people to come and live in the town. You will need a name for your town.

Think about what you have built in the new town in order to sell it. Maybe there are:

- designer flats by the river

- a business park with lots of amazing jobs testing video games

- a 100,000 capacity sports stadium with a new football team

- a water sports centre on the river providing sailing, canoeing, windsurfing.

You will need to include:

- a main heading

- an introduction to summarise why the new town is so amazing

- sub-headings about different parts of the town each with detailed paragraphs (or bullet points for one or two sections) selling the town

- pictures

Tips for success:

- use appealing descriptive vocabulary to portray your town

- use modal verbs to persuade ie. must, should,

- use some formal language – to make your town seem impressive and professional

- use some informal language – to make a connection with the reader.

Reading

Day 3: Teacher-led questions

1. What is Murph's main problem with the house? (page 1)
2. Why did Murph and his family move to a new town? (page 1)
3. *Underneath a brownish drizzly evening sky that matched his mood perfectly…* What does this phrase tell us about Murph's mood? (page 1)
4. Have you ever encountered something new which at first you didn't like? Describe it.
5. Why was Murph 'glad it was dark'? (page 2)
6. Why does Murph think of people 'like T.V. dinners'? (page 2)
7. Which word tells us that Murph and Andy's mum is tired of their bickering? (page 3)

Maths

In this lesson, you will work with decimals to solve problems with and without a context. You will use representations to help make sense of problems and decide which operations to use.

Tips

- Confidently calculate with decimals, using place value accurately. Example- 1/10 and 1.20 have 1dp. 1/100 and 2.45 have 2 dps.   1/1000 and 5.362 have 3dps .
- Solve a range of problems using the correct calculations.
- You are required to use your knowledge of place value to add and subtract decimal numbers. Example- 2.35 + 24.5 = 26.85

Power Up

Complete the statements using <, = or >.

4·53 × 5 ◯ 3·2 × 7   7·85 × 7 ◯ 9·2 × 6

8·4 × 3 ◯ 5·05 × 5   8·7 × 4 ◯ 6·76 × 5

9·48 × 2 ◯ 3·16 × 6   7·79 × 8 ◯ 7·08 × 9

> I am going to estimate the answers before calculating them!

Example-

4.53 × 5   4 × 5 = 20   0.5 × 5 = 2.5   0.03× 5= 0.15

20 + 2.5 + 0.15 = 22.65

3.2 × 7   3 × 7 = 21   0.2 × 7 = 1.4   21 + 1.4 = 22.4

4.53 × 5 > 3.2 × 7

Problem solving – decimals

Discover

I bought two adult tickets. They cost £6·45 each.

I spent the same amount in total as Holly but I bought three child tickets.

Holly

Toshi

1 a) What is the price of one child ticket?

b) There are 48 seats in the front row of the cinema.

How much more money will the cinema take when the front row is filled with adults than when it is filled with children?

Share

a) Two adult tickets cost the same as three child tickets.

First calculate the cost of two adult tickets: £6·45 × 2 = £12·90

£12·90

| adult £6·45 | | adult £6·45 | |
| child | child | | child |

```
  0 4 · 3 0
3 1 ¹2 · 9 0
```

Then find the cost of a child ticket: £12·90 ÷ 3 = £4·30

The price of one child ticket is £4·30.

b) Change the pounds and pence to pence before multiplying by 48.

adults

```
      6 4 5
  ×     4 8
  5 1 ₃6 ₄0
2 5 ₁8 ₂0 0
3 0 9 6 0
```

children

```
      4 3 0
  ×     4 8
  3 4 ₂4 0
1 7 2 ₂0 0
2 0 6 4 0
```

When we convert back to pounds and pence, the two amounts are £309·60 and £206·40.

H	T	O	·	Tth	Hth
3	0	9	·	6	0
− 2	0	6	·	4	0
1	0	3	·	2	0

I think I can solve this by finding the difference between the price of an adult ticket and a child ticket, and then multiplying it by 48.

The cinema takes £103·20 more when the front row is filled with adults.

Think together

1 The cinema sells cartons of juice.

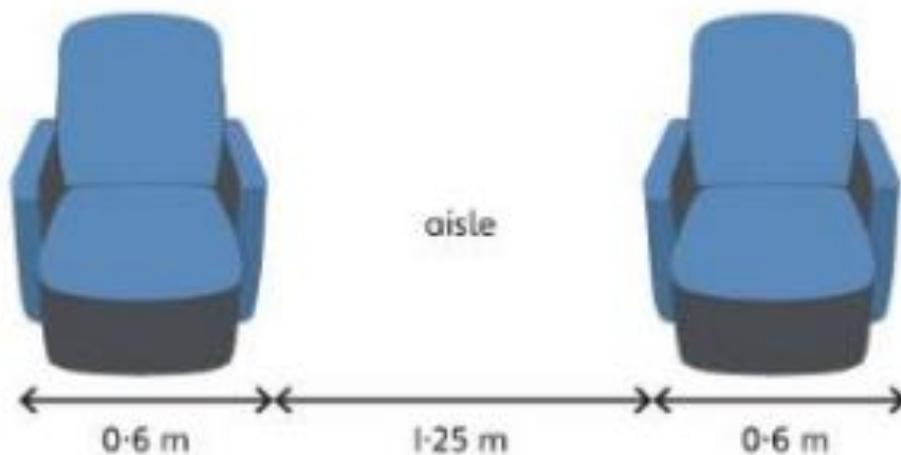A box of 8 cartons has a total mass of 6·65 kg.

The empty box has a mass of 0·41 kg.

What is the mass of each carton?

> I think there is more than one
> step to each of these problems.
> I will use bar models to help me.

2 Here are the dimensions of the seats and the aisle in the front row.

aisle

0·6 m   1·25 m   0·6 m

The front row has 48 seats and 1 aisle.

How long is the row?

3 Which of these numbers is closest to 0·4?

0·039   0·5   0·14   0·35   0·48

```
|---------------------------+---------------------------|
0                          0·4                          1
```

> I am going to think about how close the numbers are to 0·4 on a number line.

4 The **sum** of two numbers is 7.

The **difference** between the two numbers is 0·7.

What are the two numbers?

The two numbers are ☐ and ☐ .

CHALLENGE

> I am going to draw a bar model to show the difference of 0·7 first.

Power Maths Book- 63, 64, 65

Rising Stars Higher Revision -P27 Workbook –P25

Rising Stars Expected Revision -P29 Workbook –P26

Weekly Spellings

This week we will be learning/revising the third 25 words from the spelling list. Learn from *identity* to *pronunciation.*

Word list – years 5 and 6

accommodate	embarrass	persuade
accompany	environment	physical
according	equip (–ped, –ment)	prejudice
achieve	especially	privilege
aggressive	exaggerate	profession
amateur	excellent	programme
ancient	existence	pronunciation
apparent	explanation	queue
appreciate	familiar	recognise
attached	foreign	recommend
available	forty	relevant
average	frequently	restaurant
awkward	government	rhyme
bargain	guarantee	rhythm
bruise	harass	sacrifice
category	hindrance	secretary
cemetery	identity	shoulder
committee	immediate(ly)	signature
communicate	individual	sincere(ly)
community	interfere	soldier
competition	interrupt	stomach
conscience*	language	sufficient
conscious*	leisure	suggest
controversy	lightning	symbol
convenience	marvellous	system
correspond	mischievous	temperature
criticise (critic + ise)	muscle	thorough
curiosity	necessary	twelfth
definite	neighbour	variety
desperate	nuisance	vegetable
determined	occupy	vehicle
develop	occur	yacht
dictionary	opportunity	
disastrous	parliament	

Foundation Stage Work (for the week)

France

Our geography topic this half-term is France. This week you will be researching details about the city of Paris and creating an information leaflet.

This task has been set for you on Purple Mash. Go to the red To Do button at the top left of your screen. When you have finished your work for the day, click on the red arrow at the top right of the screen and then save and exit. You will be asked if you want to continue the work or hand it in. Only hand it in when you have finished your weekly task and then your teacher can look at your work.

Diary

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