

Class 4 online learning: Wednesday 19th January 2021

If you are feeling well enough today, have a go at the online learning below! Try to also complete 20 minutes of reading if you can, but make sure you get plenty of rest. That takes priority. If you do complete the online learning today, please get in touch and send in images via ClassDojo; I would love to see how you have found the tasks!

Take care,

Miss Secker 😊

Morning activities

Maths

O LO: Can I solve mental problems involving the four operations and increasingly trickier numbers?

Using your existing knowledge of place value and times tables, have a go at completing the questions below.

I can use linked facts to solve word problems mentally.

Example

Eight cans of dog food cost £3.20.
What does one can cost?



$$32 \div 8 = 4$$

$$£3.20 \div 8 = £0.40$$

One can costs 40p.

A

$$73 - 28 = 45$$

Use the above fact to work out the following facts.

- 1 $7.3 - 4.5$
- 2 $4.5 + 2.8$
- 3 $0.73 - 0.28$
- 4 $0.28 + 0.45$

- 5 $7.3 - 2.8$
- 6 $0.73 - 0.45$
- 7 $0.45 + 0.28$
- 8 $2.8 + 4.5$

$$48 \div 6 = 8$$

Use the above fact to work out the following facts.

- 9 $4.8 \div 8$
- 10 $0.48 \div 8$
- 11 0.8×6
- 12 0.06×8
- 13 $4.8 \div 6$
- 14 $0.48 \div 6$
- 15 0.08×6
- 16 0.6×8

B

Use each given fact to find linked facts involving decimals.

- 1 $56 + 38 = 94$
- 2 $9 \times 4 = 36$
- 3 $80 - 63 = 17$
- 4 $5 \times 6 = 30$
- 5 One ice cream costs £0.90. What do three ice creams cost?
- 6 Salma buys a CD for £3.90 and a game for £4.80. How much has she spent?
- 7 A box holds 5.5 kg of apples. 2.9 kg is eaten. How much is left?
- 8 A jug holds 1.2 litres of orange juice. All of the juice is poured equally into six glasses. How much orange is there in each glass?
- 9 Sharon walks 8.4 km every day for a week. How far does she walk altogether?

C

Use each given fact to find linked facts involving decimals.

- 1 $175 \div 7 = 25$
- 2 $143 - 89 = 54$
- 3 One parcel weighs 1.38 kg. A second weighs 0.47 kg. What is their combined weight?
- 4 A plank is 3.2 metres long. It is cut into five equal lengths. How long is each length?
- 5 Cliff has £6.40. He spends £3.95. How much does he have left?
- 6 A carton of juice holds 0.075 litres. How much does a pack of 8 cartons hold?
- 7 A sailing race is four circuits of a 3.8 mile course. How long is the race?



Guided reading

Please read aloud for at least 20 minutes this morning, either to an adult or to yourself. Then, you can practice your 9x tables using Sumdog. The game should pop up when you log in as it is now set up.

English

O LO: Can I begin to write my piece of discussion writing using a planned layout and my research?

Use your planning and research from the past couple of days, you now need to begin to write your discussion/debate piece. See below for an example of how you could set it out and for the help sheets (looking at the persuasive language you could use).

Should petrol and diesel cars be completely banned?

In the UK today, helping the environment is a topic that is heavily debated by many. Many people recognise our need to do more to preserve the environment and reduce the risk of climate change and global warming. I believe that, by banning the use of petrol and diesel cars over time, we will see a reduction in the amount of pollution in the UK. The use of petrol and diesel transport currently accounts for a third of CO2 production in the UK. By phasing out the production and use of these cars in favour of electric cars, a big difference could be made to our levels of pollution.

Whilst many may argue that a quick change around in the types of transport that we use is unrealistic, the Department for Transport have outlined key strategies in order to make electric transport more affordable and widely available in the future. For example, they state that, through their £2.5 billion programme, they aim to increase the production of charge point infrastructure, making it available in people's homes, workplaces, on residential streets and across the wider road network (such as changing pre-existing fuel stations). In the same way, they recognise that families will not be able to instantly switch from petrol or diesel to electric. Therefore, they are providing options such as using hybrid cars until 2035 to support in transitioning to fully electric transport.

However, what is not clear is the environmental impact of the accelerated production of electric cars in order to meet the zero-carbon emissions UK target by 2050...

Notice how, in the example above, I alternate between points that support the question as well as those that go against the question.

Writing to Persuade

Structure

Introduction

Grab the reader's attention and clearly state your opinion.

Main Body Paragraphs

Give reasons for your opinions and explain these in detail.

Conclusion

Remind the reader of your opinion and leave them with something to think about.

Sentence Starters

First, let's talk about...

Another important point worth considering...

Astonishingly, some people don't know that...

Yet another incredible thing about..

Finally, and most importantly...

Best/Worst of all...

Persuasive Language

Modal Verbs

(must, will, should)

Modal Adverbs

(definitely, absolutely, certainly)

Evaluative Language

(incredible, outstanding, awful, revolting)

Powerful Statements

Just think about it!

We must stop this now!

It's out of this world!

You know I'm right!

We can't let this go on!

Persuasive Devices

Tell a personal story.

Ask rhetorical questions.

Give an expert's opinion.

Use repetition.

Include statistics.

Remember:

Consider your audience.

Make your opinion clear.

Use a strong voice.

Give reasons for your opinion.

Check your spelling and punctuation.



Persuasive Writing

Introductions

I think...
For this reason...
I feel that...
I am sure that...
It is certain...
I am writing to...
Of course...
In the same way...
On the other hand...
In this situation...

Making your point

Firstly, secondly,
thirdly...
Furthermore...
In addition...
Also...
Finally...
Likewise...
Besides...
Again...
Moreover...
Similarly...
Surely...
Certainly...
Specifically...
If...then...
because...

Details

For example...
In fact...
For instance...
As evidence...
In support of this...

Endings

For these reasons...
As you can see...
In other words...
On the whole...
In short...
Without a doubt...
In brief...
Undoubtedly...

Other Words

reasons
arguments
for
against
unfair
pros
cons



Afternoon activities

Computing

O LO: Can I recognise how information is transferred over the internet?

Read through the attached PDF doc which is a copy of the computing PowerPoint for the lesson today. Read through until slide 13 (make sure to also watch the attached video link here: [How does the internet work? - BBC Bitesize](#)). Make notes of any key words and their definitions that you did not know from the video. Then, have a go at the activity below. The activity shows packet strips; the method with which systems send each other messages. Have a go at writing in some messages that systems could send to each other. You can only use a maximum of 36 characters for each message (this includes letters, spaces and punctuation marks). Examples of questions you could ask are below:

- What's 2 + 5?
- What day is it?
- When's lunch?
- What is your favourite colour?

[Save a copy](#)[illegible]

PE

Today, you would normally have your slightly shorter PE session with me. So, if you are feeling well enough, choose one of the PE activities below to complete. It is up to you which you choose:

Joe Wicks: <https://www.youtube.com/playlist?list=PLyCLOPd4VxBuS4UeyHMccVAjpWaNbGomt>

Just Dance: https://www.youtube.com/watch?v=gVfgTw_W_JY

Cosmic Yoga: <https://www.youtube.com/watch?v=Vx6ynU7Hgs>