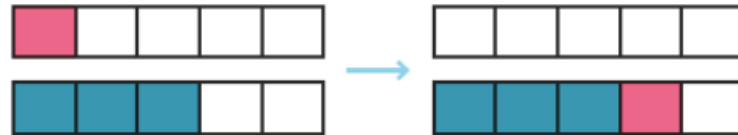


Daily Mental Maths Warm Up: Practise your six, seven and nine times tables and division facts: <https://www.topmarks.co.uk/maths-games/hit-the-button>
<https://ttrockstars.com/> (use your personal login)

BBC Bitesize have prepared the following maths sessions for this week: <https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons>

1. Adding fractions

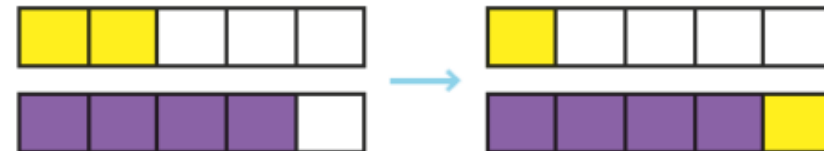
Alternative offline learning:



$$\frac{1}{5} \text{ and } \frac{3}{5} \text{ make } \frac{4}{5}.$$

$$\frac{4}{5} < 1$$

1 fifth and 3 fifths



$$\frac{2}{5} \text{ and } \frac{4}{5} \text{ make } 1 \text{ and } \frac{1}{5}.$$

$$1\frac{1}{5}$$

Jake walks his puppy, Bruno, $\frac{2}{5}$ of the distance around the park. He then walks $\frac{1}{5}$ more of the distance with Bruno. How far have Jake and Bruno walked as a fraction?

2. Subtracting fractions including subtracting from wholes

Offline alternative:

1



had $1\frac{7}{12}$ chocolate bars left.

$$2 - \frac{5}{12} = 1\frac{12}{12} - \frac{5}{12}$$

$$= 1\frac{7}{12}$$

$$\frac{12}{12} - \frac{5}{12} = \frac{7}{12}$$



Subtract and give each answer as a mixed number.

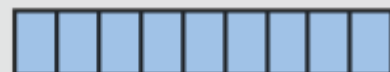
(a) $1 - \frac{6}{11} =$



(b) $4 - \frac{3}{7} =$



(c) $7 - \frac{4}{9} =$



3. Fraction of an amount

Offline learning alternative:

To find a fraction of an amount, you simply divide the amount by the denominator. For example, if I wanted to find $\frac{1}{3}$ of 21, I would divide 21 by 3, which equals 7.

- If $\frac{1}{4}$ of 12 chairs are blue, how many blue chairs are there?
- Mr Giggle, the clown, blows up 36 balloons for a party. Unfortunately, one third of them pop! How many have popped?

4. Problem solving with fractions

Offline learning alternative:

The DIY store has one quarter off all drills. If a drill originally cost £40, how much does it cost in the sale?

30 children went on a school trip to a museum. One fifth took a packed lunch and the rest took money to buy lunch.

- a) How many children had a packed lunch?
- b) How many children bought their lunch?

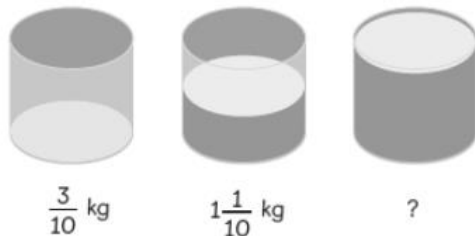
5. Challenge of the week

Offline alternative:

The mass of an empty container is $\frac{3}{10}$ kg.

When the container is half filled with water, the mass becomes $1\frac{1}{10}$ kg.

What is the mass of the container when it is completely filled with water?



In addition to the above learning, we have also attached some activities that you may want to do. These activities should be suitable for the whole family and incorporate some everyday maths opportunities. If you are able to, we would love for you to record what you have done, by either writing it in your exercise book or taking some photos and sticking them in.

Maths Fun 1: Bake It - Biscuits

Maths Fun 2: Move It – Maths All Around Us

As usual, we have also attached some real life word problems if you'd like to challenge yourself even further!

BBC Bitesize have prepared the following English sessions for this week: <https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons>

1. Suffixes:-ous and -sion

Offline alternative:

A **suffix** is a letter or a group of letters that can be added to the end of a word to change its meaning. Adding the suffix -ous turns a noun into an adjective. It means 'full of' e.g. adventure becomes adventurous. The suffix -sion is often used to change a verb into a noun. For example: Explode becomes explosion.

Design a poster that teaches children in the year below you about the suffixes -ous and -sion.

You will need to explain what they are and show some examples of when you would use them.

Your poster could include:

- A big, bright title
- Bold, bright colours
- What -ous and -sion mean
- Word examples of -ous and -sion
- Pictures

2. Using brackets

Offline alternative

Brackets can be used to add additional information to a sentence. Extra detail can be added to a sentence using brackets. The extra detail should not change the meaning of the sentence - it should just make the sentence more interesting or informative.

For example:

Albert the alien was in charge of the wrecking ball.

Albert the alien (who had no training) was in charge of the wrecking ball.

If we took away the words in **brackets**, the sentence would still make sense, but it's more interesting with the added detail.

Your task: Copy out the sentences below and complete them using an option from the phrase bank.

The phrases provide extra information, so they should go inside the brackets.

Top tip!

Read the sentences carefully. They should still make sense with the extra information added.

Phrase bank

Home of the Humans

who was puzzled

with a great roar

the god of fire

filled with trees, lakes, flowers and rivers

who lived a long time ago

The Vikings (.....) sailed around in very long ships.

Loki (.....) watched Odin create the world.

Loki (.....) said, "Isn't it a bit generous, giving a home to our enemy the giants?"

Odin (.....) sent a freezing wind across the blackness.

Odin breathed gently and a new world (.....) appeared.

This land was called Midgard (.....).

3. Revising apostrophes for contraction

Offline alternative:

Remember: To contract two words means to make them smaller and easier to say or write. To do this, we combine them together.

For example: She will = she'll

It's important to place the apostrophe correctly because it shows where you omitted (left out) some letters when you joined the two words together.

For example: You + are = you're

The apostrophe takes the place of the letters that have been removed. In the example above, that's the letter a from 'are'.

Your task: Read the paragraph below.

There are five pairs of words that could be contracted but aren't.

Find them and write the contracted form of the word down on paper.

For example: did not = didn't

Many years ago, people thought that women could not be scientists. Luckily, this is not the case today! In Poland, where Marie Curie lived, girls were not allowed to go to university so her parents sent her in secret. She later married a French scientist called Pierre. They worked together looking at elements and discovered radium and radioactivity. She would later receive two Nobel prizes: one with her husband in physics and one in chemistry on her own. Marie was the first woman to win a Nobel prize. Unfortunately, Marie Curie got ill and died but she will be remembered for being an inspiration, showing girls they can do anything.

4. Revising apostrophes for possession

Offline alternative:

Remember: A possessive apostrophe shows that something belongs to or is connected to something else.

Read the story summary below, then re-write it using apostrophes for possession to make it easier to understand and flow better.

For example: The sail that belonged to the boat rippled softly in the breeze. >>>>>> The boat's sail rippled softly in the breeze.

You need to change **eight** sentences.

Near the edge belonging to a cliff, on a peaceful and isolated patch of land, there was an inn. The inn was run by a young boy called Jim Hawkins. The mother that belonged to Jim was exhausted and his father had died.

One day, a strange thing happened. An old sailor pushing a huge chest appeared at the inn. The pony tail that belonged to the man was hung low on his back and he wore an earring in his left ear. He told Jim to call him 'Captain'. The chest that belonged to the Captain was very heavy so Jim helped him carry it to his room.

After a few weeks, a strange man called Black Dog appeared and got into a fight with the captain. The missing fingers that belonged to Black Dog made him very memorable. The next day, a blind man visited and soon after, the captain mysteriously died.

Jim and his mother looked inside the chest that belonged to the captain and found clothes, gold and some parchment.

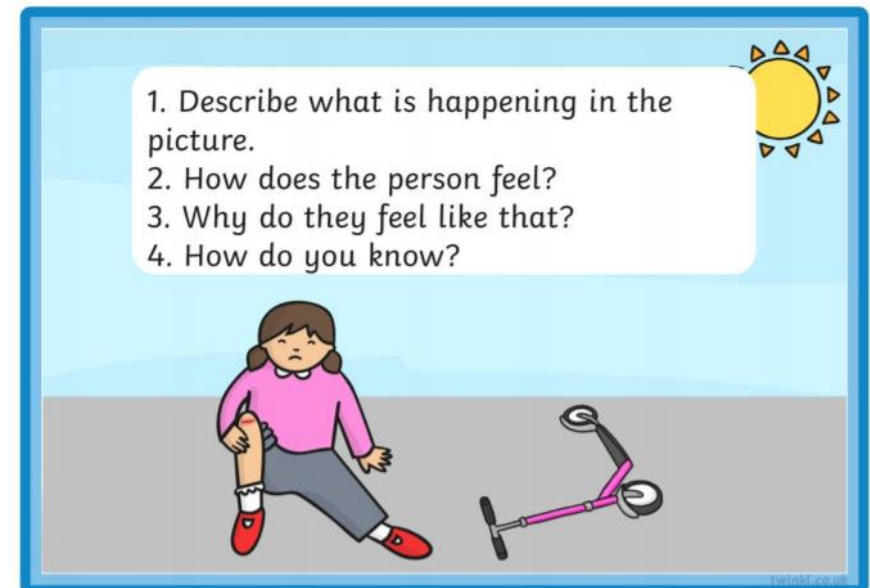
Suddenly, a boat that belonged to some pirates pulled up by the inn. They ran up the path and the shouts that belonged to the pirates could be heard inside the inn. What would Jim do now?

5. Using inference to be a reading detective

Offline alternative:

When we read stories, watch films or TV shows, look at pictures or play video games, we use lots of different skills to work out what is happening. One of these skills is called inference.

Inferring is a bit like being a detective. You have to find the clues to work out the hidden information.



Additional, optional challenge:



Can you now write a paragraph describing the fish in great detail?

Top tip: Try to think of synonyms for 'blue'. A Google search or thesaurus might help!

Perfect picture!

Can you draw a picture of another creature you'd be likely to find living in the nearby waters?

Story starter!

The majestic creature glided gracefully through the perfect, azure waters. Its size and beautiful colours stood out in stark contrast to the murky, grey ocean floor beneath.

Many other creatures that dwelt under the sea looked on with envy at the unusual and startlingly bright colours that its appearance possessed...

Can you continue the description?

Sentence challenge!

Can you make a list of nouns that you can see in the picture? E.g. Eyes, fins, ocean.

Can you make a list adjectives to describe each of your nouns?

Reading	<p>Daily reading and keeping reading record books up to date.</p> <p>Read a story of your choice. Think about: What is your favourite part of the story? Why? Who would you recommend this story to and what are the reasons for this? You could use the Oxford Owl website to do this, (you can search by age, level and book type). www.oxfordowl.co.uk/ (Login: Class Name: vfsash Password: VFS19)</p> <p>‘Seeds and weeds’ Reading Comprehension Activity. This comprehension includes different levels of questions, including inference and retrieval questions. Please see attachment.</p> <p>Write a book review on either of the above texts (or of any other books that you have at home!). What happens? Did you find the plot interesting? Are there any plot twists? Who are the main characters? Who was your favourite character? Why? Did you like the book? What was your favourite part? Why? Would you recommend this book to a friend? Why or why not?</p>
Spelling Focus	<p>This week we would like you to practise spelling the following words from the Year 3 and 4 Spelling list:</p> <p style="text-align: center;">early earth eight guide heard island knowledge learn</p> <p>CHALLENGE: Can you write these words into sentences? What about all of the words in one sentence?</p> <p>Handwriting: Complete the handwriting Week 11 learning sheet, either by using the sheet or by copying the words into your home learning book.</p> <p>Top tip: Have you seen the sirlinkalot youtube spelling channel? It includes 20 minute sessions that cover lots of hints, tips and strategies to help you with your spellings. These free lessons are shown at 2pm every day, however they will stay on the site if you log on a bit later. Well worth a look! Head over to https://www.youtube.com/channel/UC4lR2hfjiv_9oQMpmSFWiNw</p>
Topic	<p>See the music whole school topic learning</p>

Mindfulness	<ul style="list-style-type: none"> This week's activity is 'Many Ways to Share a Hug'. In a time where we are unable to hug our friends, take a look of all of the different ways you can 'share a hug'. Don't forget to check out Boris and Dave's HeartSmart series: https://www.verwoodfirst.dorset.sch.uk/page/?title=HeartSmart&pid=235
Worship	<p>Each week we will be uploading a worship on a Monday and a Friday. These will be based on the Fruits of the Spirit and the 6Rs. Some worships may even feature a special guest!</p> <p>This week's worships will follow the theme of Love and Joy!</p> <p>https://www.verwoodfirst.dorset.sch.uk/page/?title=Worship&pid=240</p>
PE	<p>Sign up free to 'Go Noodle' for a range of physical activities, including, yoga, aerobics and Zumba. https://www.gonoodle.com/families/</p> <p>Subscribe to Joe Wick's YouTube channel, 'The Body Coach TV'. He has created multiple short, energising workouts for children to complete at home. https://www.youtube.com/user/thebodycoach1/videos</p> <p>Challenge Card 6: Tap Up. Take a look at Mr Webb's challenge card for details of this week's fitness challenge.</p> <p>The following website features some further PE based activity cards and videos to watch: https://www.youthsporttrust.org/pe-home-learning</p>
Picture News	Take a look at this week's Picture News, you can find this under: Home Learning – Week 11
Special Educational Needs & Disabilities	Please see Parents' Toolkit SEND for a wide range of information, support and activities to help you and your family during lockdown. https://www.bbc.co.uk/bitesize/articles/zh9v382

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