## Maths

### Mathematics

Find each day's online lesson option on the BBC Bitesize Daily Lessons website here: www.bbc.co.uk/bitesize/dailylessons

There is no requirement to print off any of the worksheets - please do record your learning in your Home Learning book when you can.

**Daily Mental Maths Warm Up:**

- Practise your three, four and eight times tables using hit the button on www.topmarks.co.uk

- https://ttrockstars.com/ (use your personal login)

- Try answering these 10 mental maths questions:

| | |
|---|---|
| 1) | ___ − 7 = 9 |
| 2) | Who scored the **fewest** points?<br>Flame 712   Captain 579   Sally 383   Tyger 1297 |
| 3) | 3 x ___ = 21 |
| 4) | What is the value of the digit 6 in the number 2681? |
| 5) | How much change from £1 if I spend 85p? |
| 6) | How many minutes from the time on the clock until 11:40? |
| 7) | What is the next number? 175, 178, 181, 184, 187, ___ |
| 8) | I walk at 3 miles per hour. How far can I walk in 4 hours? |
| 9) | 15 − 7 = 10 − ___ |
| 10) | At a pizza party, Captain eats 1½ pizzas and Tyger eats 2½ pizzas. How much have they eaten in total? |

**Lesson 1: Ordering fractions**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

Order these fractions from the smallest.

$$\frac{3}{4} \quad \frac{1}{4} \quad \frac{2}{4}$$

Order these fractions from the biggest.

$$\frac{4}{6} \quad \frac{6}{6} \quad \frac{3}{6} \quad \frac{1}{6} \quad \frac{5}{6}$$

Order these fractions from the smallest.

$$\frac{3}{6} \quad \frac{1}{6} \quad \frac{5}{6} \quad \frac{2}{6} \quad \frac{4}{6}$$

Order these fractions from the biggest.

$$\frac{4}{12} \quad \frac{6}{12} \quad \frac{8}{12} \quad \frac{10}{12} \quad \frac{11}{12}$$

**Lesson 2: Adding fractions with the same denominator**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

**To add fractions there are Three Simple Steps:**
Step 1: Make sure the bottom numbers (the **denominators**) are the **same**.
Step 2: **Add** the top numbers (the numerators), put that answer over the **denominator**.
Step 3: Simplify the **fraction** (if needed)

1) $\frac{3}{7} + \frac{2}{7} =$    2) $\frac{2}{5} + \frac{2}{5} =$    3) $\frac{1}{5} + \frac{3}{5} =$

4) $\frac{2}{6} + \frac{3}{6} =$    5) $\frac{4}{8} + \frac{2}{8} =$    6) $\frac{4}{7} + \frac{3}{7} =$

7) $\frac{6}{9} + \frac{2}{9} =$    8) $\frac{5}{8} + \frac{2}{8} =$    9) $\frac{7}{10} + \frac{2}{10} =$

10) $\frac{5}{12} + \frac{6}{12} =$    11) $\frac{4}{11} + \frac{5}{11} =$    12) $\frac{5}{15} + \frac{8}{15} =$

**Lesson 3: Subtracting fractions with the same denominator**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

1. $\frac{5}{8} - \frac{1}{8} =$ □

_____

_____

What is the difference between $\frac{10}{12}$ and $\frac{4}{12}$?

_____

_____

2. $\frac{8}{9} - \frac{2}{9} =$ □

_____

_____

What is the difference between $\frac{8}{17}$ and $\frac{5}{17}$?

_____

_____

**Lesson 4: Problem Solving with addition and subtraction of fractions**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative

Lisa had a packet of 12 coloured pens. She lost 5 pens. What fraction of the original number of pens does she have left?

_____

_____

Richard had a bag of 14 apples. He can't remember how many apples he gave to his sister. He knows that he ate 2 of them and he also remembers that he gave 4 apples to his brother. What fraction must he have given to his sister if all of the apples have been eaten?
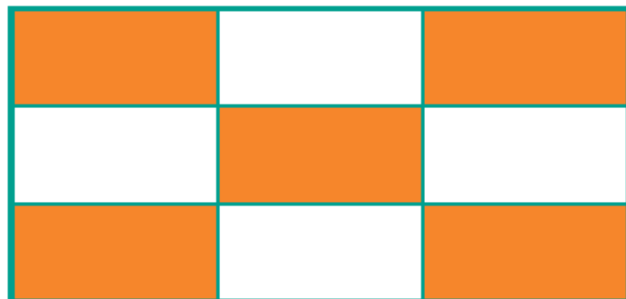
_____

_____

Three friends are having a cupcake eating competition.

The winner eats $\frac{3}{8}$ of the tray of cupcakes.
The runner-up eats $\frac{2}{8}$ of the tray of cupcakes.
The person in last place only manages to eat $\frac{1}{8}$ of the tray of cupcakes before feeling ill.

**What fraction of the tray of cupcakes did they eat altogether?**

**Lesson 5: Challenge of the week**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

Using fractions, how many different addition and subtraction fraction number sentences can you make from this image:

This pizza is being shared at Francis' birthday party.

Francis

If I give away $\frac{2}{6}$ of my pizza, I will still have $\frac{3}{6}$ left over.

Do you agree with Francis? Prove it!

_____

_____

_____

**Maths Fun:** 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.     1. Throw and Catch     2. Measuring

**Writing**

**Lesson 1: Exploring Poetry**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

Day 1: Poetry
Building poems from a structure.

In the ocean of dreams I saw...
Three friendly dolphins
Playing in the sun.

In the ocean of dreams I saw...
Six sneaky starfish
Shuffling across the sea bed.

In the ocean of dreams I saw...
Four fishing trawlers
Dredging the frothy waves.

adjective — number — noun — What it is doing?

Can you add your own verse to this poem?
Start with a number.
Then an adjective (e.g. Friendly).
Then a noun (dolphins, starfish, trawlers...what else would be in an ocean?)
Then explain what your noun is doing.

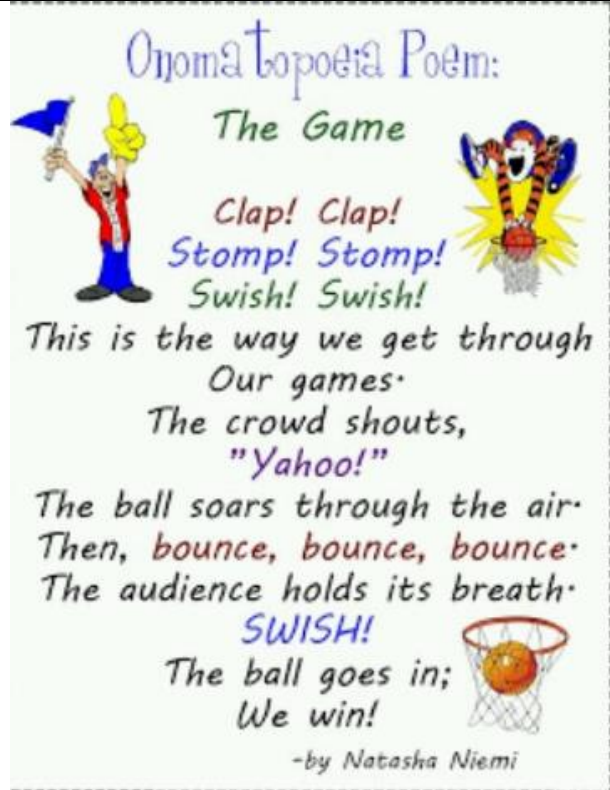**Lesson 2: Sound Words**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
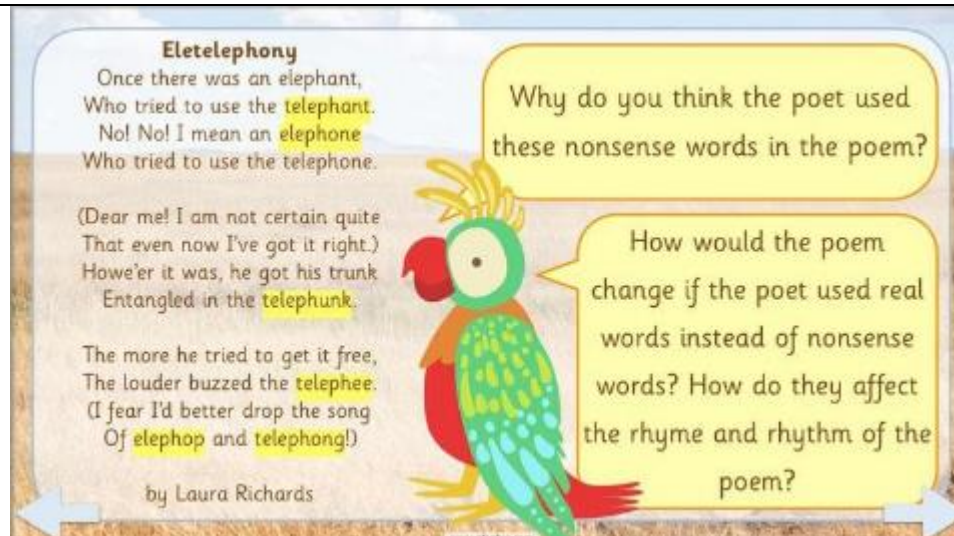Offline Alternative:

Sound words are words that sound like their meaning or action eg, swish, clap, thump, pop, hiss, jangle, squeak, jiggle, thud, crash, bang. Can you spot the sound words in the poem above? Once you have can you try writing your own poem using some of these words?

Onomatopoeia Poem:

The Game

Clap! Clap!
Stomp! Stomp!
Swish! Swish!
This is the way we get through
Our games.
The crowd shouts,
"Yahoo!"
The ball soars through the air.
Then, bounce, bounce, bounce.
The audience holds its breath.
SWISH!
The ball goes in;
We win!

-by Natasha Niemi

**Lesson 3: Nonsense Poetry**
Online Learning: BBC Bitesize www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

**Eletelephony**

Once there was an elephant,
Who tried to use the telephant.
No! No! I mean an elephone
Who tried to use the telephone.

(Dear me! I am not certain quite
That even now I've got it right.)
Howe'er it was, he got his trunk
Entangled in the telephunk.

The more he tried to get it free,
The louder buzzed the telephee.
(I fear I'd better drop the song
Of elephop and telephong!)

by Laura Richards

Why do you think the poet used these nonsense words in the poem?

How would the poem change if the poet used real words instead of nonsense words? How do they affect the rhyme and rhythm of the poem?

Can you try writing your own poem using some made up nonsense words? Maybe describing your favourite animal or object?

**Lesson 4: Alliteration**
Online Learning: BBC Bitesize  www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:

Read about what alliteration is and then complete the table describing each animal or thing.

**Learning Outcome**: To identify alliteration in writing.

Alliteration occurs when words that are close to one other begin with the same letter or sound.

For example:



The caterpillar crawled carefully on the curly, cabbage leaf.

| snake  | slithers, silently, smooth, scaly, slowly, slippery, sandy, scorching | The slippery slake slides slowly and silently over the scorching, sun burned sand. |
| --- | --- | --- |
| mountain  | | |
| sea  | | |
| fire  | | |

**Lesson 5: Reading lesson: Slime by David Walliams**
Online Learning: BBC Bitesize  www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-lessons/
Offline Alternative:  Read this extract from Mr Stink and answer the questions in your book, don't forget to explain your reasons!

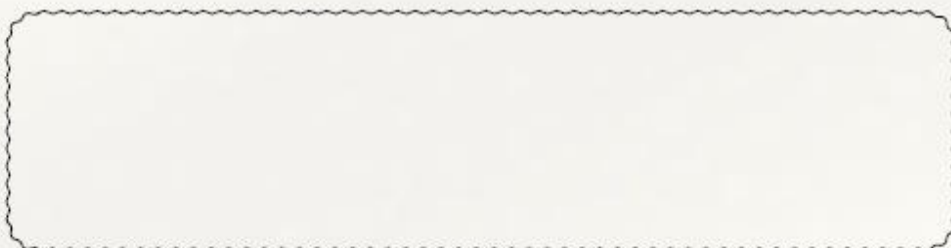"IT WAS ALL MY IDEA," SAID MRS CRUMB (PRONOUNCED 'CROOOOOOOOOOOOOOME').

"AT FIRST MY FAMILY WAS DEAD AGAINST IT. BUT I JUST HAD TO GIVE THIS POOR FILTHY FLEA-RIDDEN DIRT-ENCRUSTED STOMACH-TURNINGLY SMELLY BEGGAR-MAN AND HIS AB-HORRENT HOUND A HOME. I LOVE THEM BOTH DEARLY. THEY'RE PART OF THE FAMILY NOW. I COULDN'T IMAGINE LIFE WITHOUT THEM. IF ONLY OTHER PEOPLE WERE AS BEAUTIFULLY KIND-HEARTED AS ME. A MODERN DAY SAINT, SOME PEOPLE ARE SAYING. IF EVERY FAMILY IN THIS COUNTRY WAS TO LET A TRAMP LIVE WITH THEM IT COULD SOLVE THE PROBLEM OF HOMELESSNESS FOREVER..."

CHLOE DECIDES TO HIDE MR STINK IN THE SHED.

WHERE WOULD YOU HIDE MR STINK?

HOW WOULD YOUR FAMILY REACT IF THEY FOUND HIM?

## Additional, optional challenge:

If you would like to focus on creative writing as a change from or as extra to BBC Bitesize then please have a look at the website below.

https://english.hias.hants.gov.uk/course/index.php?categoryid=325

It has units of work building up to writing stories, poetry and uses films and books as inspiration and is suitable for years 3 and 4 children.

If you do any learning you are really proud of please email it to us.

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| **Reading** | Daily reading and keeping reading record books up to date. Have you tried https://stories.audible.com/start-listen where children's audio books are currently free to listen to? If you can't find one in their extensive range then head to https://www.worldofdavidwalliams.com/elevenses/ where David Walliams reads a story from his range at 11am every day.<br><br>Can you complete the true or false quiz on your favourite story and see if a family member can complete it? (See attached sheet)<br><br>'All about Elephants' Reading Comprehension Activity. This comprehension includes differentiated levels of questions, including inference and retrieval questions. *Please see attachment.*<br><br>For children who often work with Mr Bishopp during guided reading, please read the 'Sea Creature fact cards' and answer the questions about these. |
| **Spelling, Punctuation and Grammar** | This week we would like you to practise words using 'ei' to make the 'ai' sound in words<br><br>weigh      eight      weight      vein   reins      sleigh      neigh<br><br>**Extra spelling challenge**: Can you arrange these words in alphabetical order? Can you try writing a short, clear meaning for each word like you would find in a dictionary?<br><br>**Grammar/Punctuation**: Recap on possessive apostrophes – see sheet attached (There are differentiated sheets so please pick most suitable one.)<br><br>**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/UC4lR2hfjjv_9oQMpmSFWiNw |
| **Topic** | Please find the Wellbeing and Mindfulness whole-school topic learning under Home Learning - Week Commencing 8/6/20 - Whole School Topic Learning on the website. This project will take place over two weeks. |
| **Mindfulness** | <ul><li>This week's mindfulness activity is all about your feelings. Take your time to complete this booklet and reflect on all the different emotions that we feel.</li><li>Don't forget to check out Boris and Dave's HeartSmart series: https://www.verwoodfirst.dorset.sch.uk/page/?title=HeartSmart&pid=235</li></ul> |

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|---|---|
| PE | Sign up free to 'Go Noodle' for a range of physical activities, including, yoga, aerobics and Zumba. https://www.gonoodle.com/for-families/<br><br>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<br><br>Challenge Card 8: The Charleston challenge<br><br>Online Learning: https://www.youthsporttrust.org/pe-home-learning Take a look at the activity cards available across all PE curriculum areas, with each card brought to life with a short video clip. |
| Worship | • 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!<br>• This week's worships will follow the theme of Kindness and Goodness!<br>• https://www.verwoodfirst.dorset.sch.uk/page/?title=Worship&pid=240 |
| PSHE | • Self Care: As we know, it is so important to wash our hands regularly. Have a look at the NHS guidelines for washing your hands (https://www.nhs.uk/live-well/healthy-body/best-way-to-wash-your-hands/). Your challenge is to design a poster to help remind people how to wash their hands. You could even put these up in your bathroom to remind your family! |
| Special Educational Needs | 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 |