



Year 4 Home Learning week beginning 23/3/20

Please see below the tasks we would like your child to work on this week. If you have any problems, please remember that you can email me on sbutcher@wtwschool.co.uk during school hours.

Please note that any links to internet sites and YouTube videos need to be supervised by an adult, and they may contain adverts. You do not need to pay for any of the sites we are suggesting.

If you need any additional pencils, paper or other stationery, please contact the school and we can arrange that for you to collect.

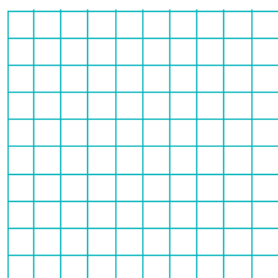
Maths

Learn:

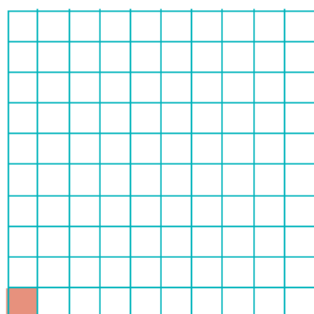
This week we will be focusing on decimals, building on the work we have been doing in class recently.

One of the best ways to describe decimals, is to show a child a blank hundred number square or number chart and explain that this represents 'one':

Hundred chart

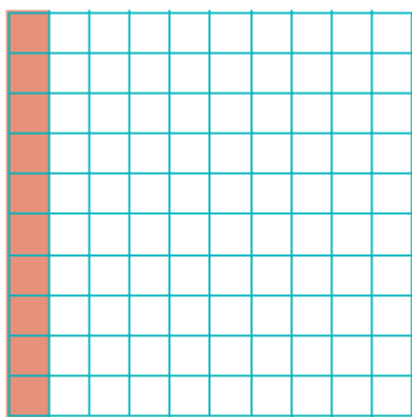


Children need to know that when we talk about decimals, it is as if we were **splitting one whole up into smaller parts**. If you coloured in one of the squares in the above diagram, this would be represented as the decimal 0.01 (which is one hundredth or $1/100$).



0.01

If you coloured in ten of the squares in the above diagram (therefore colouring in $\frac{10}{100}$ or $\frac{1}{10}$), this would be represented by the decimal 0.1 (children may write 0.10 because they have coloured 10 squares – you need to explain that the zeros after decimal points are always knocked off).

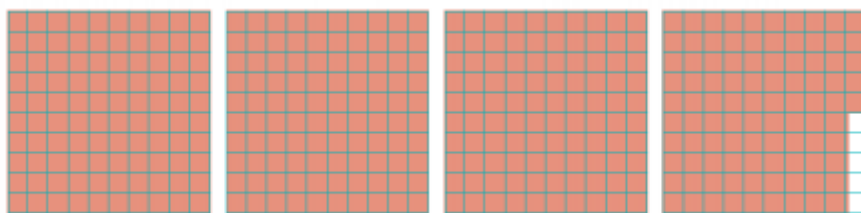


0.1

The **place value** of decimal numbers can be shown the following table:

3	.	9	5
Units		Tenths	Hundredths

A pictorial representation of this number is:



3.95

Watch:

Please go to the following site/ link to see a further explanation:

<https://www.bbc.co.uk/bitesize/topics/zsjqtfr/articles/zsbd7p3>

Or google 'bbc bitesize what are decimals?'

Do:

Log on to IXL using your username and password, and complete the following tasks:

CC.6 Name the digit in a given place value

CC.7 Number sequences involving decimals

CC.12 Which decimal comparisons are true?

You should then have completed all of the units under 'CC Decimals'. If there are any others that you have not completed in that decimals section, please do those now as well.

Reminder:

You can also spend some time each day on Time Tables Rock Stars. Your username and password are in your Home Learning pack.

Reading

In addition to reading the chapters of Charlie and the Chocolate Factory, please read daily a book of your choice for at least 30 minutes. Alternatively, you can read a free copy of the children's newspaper, First News, found at:

https://schools.firstnews.co.uk/wp-content/uploads/sites/3/2020/03/Lores_718-1.pdf

Writing

Please complete the first 5 writing tasks you were given. For most of you, that will be the tasks linked to Charlie and the Chocolate Factory. You have a copy of the book in your pack and hopefully you have started to read this.

1. To write a persuasive letter in the role of a character

Read chapter 3 of Charlie and the Chocolate Factory. Imagine what it would have been like to be the prince snoozing in the palace when it began to melt. Children can pretend to be Prince Pondicherry and write a letter to Mr Willy Wonka persuading him to build him a chocolate palace. What persuasive writing techniques could you use?

How to make someone do what you want them to:

- Tell your reader what he would like to hear.
- Use flattery: Make the reader feel sorry for you
- Exaggerate (but not too much!)
- Use emotive or biased vocabulary rather than straightforward words
- Quote statistics and use them to mean what you want them to mean.
- Use the words "surely", "obviously" and "of course".
- Make an emotional appeal to your reader using emotive language

Remember to set out your letter correctly.

2. To write a diary entry from the perspective of a character.

Read chapter 4 of Charlie and the Chocolate Factory. How would Willy Wonka have felt about the spies? How would he have felt when the other factories made his products? How would he have felt telling everyone to leave? Children can pretend to be Willy Wonka and write a

diary entry of that day. Children to think what Willy Wonka would include when writing a diary entry.

Remember to focus on:

- Writing using a range of sentence lengths and types
- Use a range of conjunctions to join parts of your sentences (even though, although, despite, because etc)
- Include a range of punctuation - full stops, capital letters, commas, exclamation marks, question marks (and brackets if you are confident using them)

3. **To write an interview in the form of a play script.**

Ask Children how different people would have felt when Willy Wonka closed his factory. *Who would have felt sad?* (eg sweet shop owners). *Who would have felt happy?* (e.g. dentists). Make a list of people with opposing views. Children to write a conversation between the dentist and local sweet shop owner saying their opinion about the factory closing in the form of an interview.

If you were interviewing someone about the chocolate factory closing, what questions would you ask?

Set it out like this:

Scene 1

DENTIST: (Smiling from ear to ear) I think this is fantastic news! It's about time! I've had enough of all these children coming to me with decaying teeth because of that Willy Wonka's chocolate they keep eating!

SWEET SHOP OWNER: (Angrily) But this is going to put me out of business!

4. **To write a newspaper article.**

Read chapter 5 of Charlie and the Chocolate Factory. Children can write a newspaper report about the factory opening and the release of the golden tickets.

Explain that we must include a quote from someone. Who would be good to quote? What might they say? Children to add inverted commas in correct place.

Remember:

- A headline (using alliteration, a pun/ humour - make sure it catches the reader's attention)
- An introductory paragraph explaining who, when, where and what happened,
- More details of the event.
- Eyewitness accounts using quotes.
- End with a paragraph explaining what is going to happen next

5. **To write our own chapter.**

Children can write their own chapters of when the children found their tickets. Explain that they can choose to be any of the children that won a golden ticket. It needs to be written in the same style as Roald Dahl, so third person.

The Water Cycle

The Water Cycle is the collective name of the processes that move water around the Earth. It is made up of different stages which can be identified as **evaporation**, **condensation**, **precipitation** and **collection**.

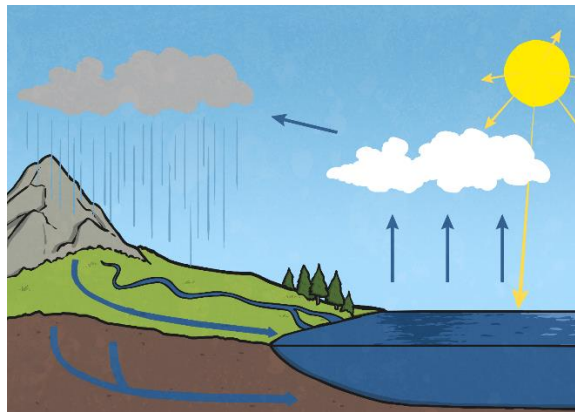
Watch the video clips: <https://www.bbc.co.uk/bitesize/clips/zh4rkqt>

<https://www.youtube.com/watch?v=zBnKgwnn7i4>

While you are watching these clips you could think about these questions:

- How much of the Earth's surface is water?
- What causes some of this water to evaporate?
- What form is the water in once it has evaporated?
- What are clouds made from?
- When do the water droplets in clouds fall?
- What do these water droplets fall as?
- How much water falls on dry land each day?

Now draw a diagram of the Water Cycle similar to the one below with as many labels as you can to help someone understand the process:



When you have finished the diagram, write a clear explanation of each of the four processes in the Water Cycle. You can begin each explanation with:

Evaporation is when.....

Condensation is the process that means.....

Precipitation happens when.....

Collection occurs in different ways making.....

Art

Create a new front cover for Charlie and The Chocolate Factory. Think about making it appealing and interesting so that other children would choose it to read. You could use any materials you can find at home or use sketching with a pencil to create different shades. Be as creative as possible.

PE/ Yoga

Joe Wicks is providing free PE lessons live at 9am each day via his YouTube channel. This is a great way to start the day and is suitable for all ages. Either google 'Joe Wicks PE lesson' or go to the link below:

<https://www.thebodycoach.com/blog/pe-with-joe-1254.html>

We will also be providing an online yoga lesson from Kamlyn who used to teach the yoga club at Walnut Tree Walk. This is a session exclusively for children at Walnut Tree Walk and is free for you! The time and details will be sent later.

Computing

Computing: Hour of Code:

Why not try some coding in between the tasks above?

<https://www.scriptacademy.net/hour-of-code/coding-town/> (Chrome only)

<https://code.org/learn/>