

Task 1: Measure - Length

Length is measured in mm, cm and m. Remember there are **10mm in 1 cm**, and **100cm in 1m**. Use a tape measure to help you see this. Using this information, convert the measurements below into cm.

Answers are on the last page of this Home Learning Wall.

(Hint: for Q1-5 you need to divide by 10. For Q6-10, multiply by 100)

Qu	*	**	***
1	10mm	20mm	67mm
2	30mm	55mm	2mm
3	100mm	87mm	12.3mm
4	45mm	3mm	409mm
5	250mm	150mm	8241mm
6	1m	3m	12m
7	4m	$\frac{1}{2}$ m	2.4m
8	15m	$\frac{3}{4}$ m	0.32m
9	23m	13m	1402m
10.	120m	3.5m	98.03m

Task 2: Measure – Weight and Volume

Weight is measured in grams and kilograms.

1000g = 1kg

Use a weighing scale to measure the weight of 5 different objects. Each time, read the scale accurately and write down the measurement in both grams and kilograms.

eg. Mobile phone – 179grams or 0.17kg



Volume of liquids is measured in ml and l.

1000ml = 1 litre.

Use a measuring jug and pour in 5 different amounts of water. Each time, read the scale accurately and write down the volume in ml and litres.

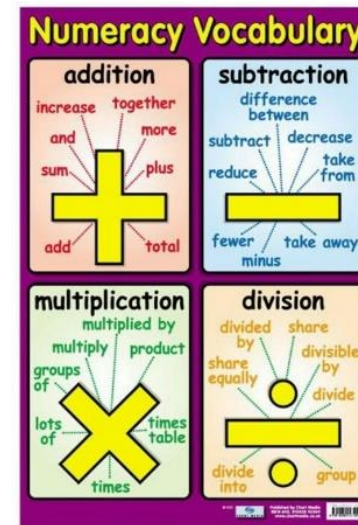
e.g. 250ml or 0.25 litres



Task 3: Word problems for the 4 operations

You will be emailed a document entitled 'Four operations word problems differentiated'. It is split into 1, 2 or 3 star levels of difficulty – choose the level that is most appropriate for you.

You will need to read each question carefully and think through what calculations you need to do, writing out each step before working out the final answer. An answer sheet is also provided at the end so you can check as you complete each question.

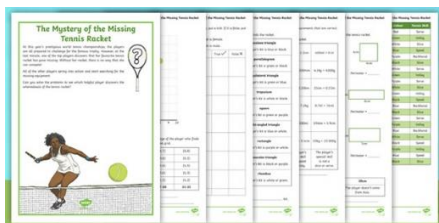


Task 4: Problem solving

The Mystery of the Missing Racket

You will be sent an email attachment with the title above. This is a great mystery for you to solve using all that you know about Perimeter, Converting units, Shapes, Angles and Coordinates.

Work on one clue at a time to solve the mystery! You can work on your own or with someone helping you if you need it. There is also an answer sheet attached so you can see how you did with each clue.



Task 5

Check out 'The Daily Rigour': A free weekly newspaper especially for kids and all about Numeracy! A link is also available to the solutions.



<https://www.cdmasterworks.co.uk/the-daily-rigour/>

Useful websites to enhance multiplication skills:

- <https://www.timestables.com/>
- <https://www.topmarks.co.uk/maths-games/hit-the-button>
- <https://www.topmarks.co.uk/times-tables/coconut-multiples>
- <https://www.arcademics.com/games/meteor>
- <https://www.youtube.com> (search multiplication songs/raps)

Daily Numeracy


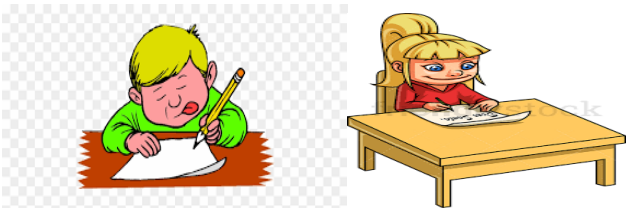
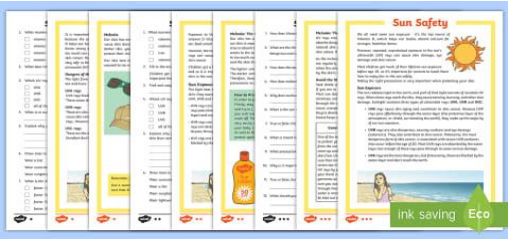



Sumdog

There will be challenges and competitions here set up by your teacher so try to go on it regularly. You can also log-on to complete activities.

Useful websites:

- NRICH: www.nrich.maths.org
- Mr Barton Maths: www.mrbartonmaths.org
- Top Marks: www.topmarks.co.uk
- Illuminations: www.illuminations.nctm.org
- MathsBot: www.mathsbot.com
- Snappy Maths: www.snappymaths.com

<p>Task 1: Reading (fiction)</p>  <p>Before watching the clip below, discuss the following:</p> <ul style="list-style-type: none"> • What are dreams? • Discuss the title “Dreamgiver” and what it could be about. • What could happen in the story? (Predictions) <p>Watch the clip below: https://www.literacyshed.com/dreamgiver.html</p> <p>After the clip, discuss the following:</p> <ul style="list-style-type: none"> • What is the purpose of the eggs in the clip? • At first, what makes the “Dreamgiver” seem unfriendly? • What happened when an egg was knocked off the bed? • What is the short story about (aim for 3 sentences!) 	<p>Task 2: Letter writing</p> <p><u>Planning stage</u></p> <ul style="list-style-type: none"> • Consider highs and lows of lockdown and write down some ideas in preparation to write a letter to your class teacher. Aim for a minimum of two but no more than five! • You will be issued a planning template via the class drop-in email facility if you wish to use it. 	<p>Task 3: Letter writing</p> <p><u>Writing your letter</u></p> <ul style="list-style-type: none"> ○ Using the highs and lows from your planning stage, write a letter to your class teacher detailing two highs and two lows of lockdown. ○ Use the following criteria as a basis for your letter: ○ Include who you are writing the letter to (Dear Miss Myatt, for example) ○ Use a minimum of 2 paragraphs (one paragraph with your highs and one with your lows) ○ Finish off with: yours sincerely, followed by your name. ○ Carefully read through your letter to ensure it makes sense. <p>You will be issued letter writing templates via the class drop-in email facility if you wish to use them.</p>
<p>Task 4: Reading (non-fiction comprehension)</p> <p>You will be emailed differentiated comprehension activities on: Sun Safety. These will range from one to three star activities. Answers are included too!</p> 	<p>Task 5 (spelling)</p> <p><u>Homophones (***):</u> Die/dye, mail/male, stake/steak, waste/waist, thyme/time, groan/grown, air/heir, wait/weight.</p> <p><u>ee sound (ee, ea, e e) (**):</u> Coffee, toffee, green, screen, tea, peach, beach, squeak, these, here, compete, delete.</p> <p><u>Silent b (*):</u> Lamb, comb, limb, thumb, crumb, climb.</p> <ul style="list-style-type: none"> • Select 2 words and write a sentence to show your understanding. • Select 2 activities from your homework spelling activity booklet. 	<p>Daily Literacy</p>  <p>Take time to work on spelling and grammar activities on Sumdog set by your Class Teacher. Remember, you can also log-in and complete activities anytime you wish!</p>

Technology - Design Challenge.

Design and make something useful from recycled materials. Only use resources that you have in your house. You can recycle things or re-use materials. Once you've created your new design you can take a photo of it and upload it to our class email. Check out the ideas below:



Health and Wellbeing - Physical

what's your name? fit activity for kids

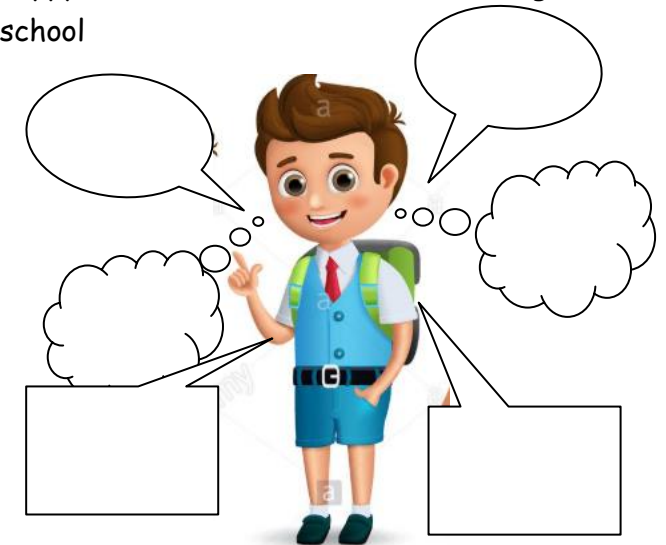
SPELL OUT YOUR FULL NAME AND COMPLETE THE ACTIVITY LISTED FOR EACH LETTER. FOR A GREATER CHALLENGE INCLUDE YOUR MIDDLE NAME & DO EACH ONE TWICE! FOR VARIETY YOU CAN USE A FAVORITE CHARACTER'S NAME OR A FAMILY MEMBER'S NAME.

- | | |
|---|--|
| A jump up & down 10 times | N pick up a ball without using your hands |
| B spin around in a circle 5 times | O walk backwards 50 steps and skip back |
| C hop on one foot 5 times | P walk sideways 20 steps and hop back |
| D run to the nearest door and run back | Q crawl like a crab for a count of 10 |
| E walk like a bear for a count of 5 | R walk like a bear for a count of 5 |
| F do 3 cartwheels | S bend down and touch your toes 20 times |
| G do 10 jumping jacks | T pretend to pedal a bike with your hands for a count of 17 |
| H hop like a frog 8 times | U roll a ball using only your head |
| I balance on your left foot for a count of 10 | V flap your arms like a bird 25 times |
| J balance on your right foot for a count of 10 | W pretend to ride a horse for a count of 15 |
| K march like a toy soldier for a count of 12 | X try and touch the clouds for a count of 15 |
| L pretend to jump rope for a count of 20 | Y walk on your knees for a count of 10 |
| M do 3 somersaults | Z do 10 push-ups |

Health and Wellbeing- Back to School

This has been a very unusual and difficult time for everyone and school next term could look quite different. This is your chance to tell us what you think this might look like

Draw a character with thought bubbles - happy/excited/ worried about returning to school



Health and Wellbeing - Discussion time

Lockdown Superpower

Talk with the people you are at home with. If you had a superpower, what would it be and why? What would the best superpower to have during Lockdown be?

ICT - Research

Research a healthy food that you have never tasted before e.g. unusual fruit/vegetable/pulses. Find out:

1. Where does it come from?
2. How it gets to our supermarkets?
3. How much does it cost to buy?
4. Where can you buy it in Scotland?
5. Find a recipe that has your chosen food as the main ingredient. Write the ingredients and draw the finished dish.

Italian - Learning the names of resources used in the classroom

Ciao

Watch the attached Powerpoint about items used in the classroom. Answer the questions on the attached sheet - there are two different sheets to choose from - choose a level that suits you.

Per favore

Science - Skittles Rainbow

Follow the instructions to make a Skittle rainbow

You will need:

- A plate,
- Packet of skittles
- Warm water

Method:

1. Arrange the **Skittles** in a single row coloured pattern around the edge of the plate.
2. Pour over enough warm water to cover all the **Skittles** and the plate itself.
3. Watch and wait as a **rainbow** appears on the plate, the colours will move towards the middle and create a whirl of colour



Science - Skittles Rainbow continued

How does it work?

Skittles are full of dye or food colouring, which means the combination of dye and sugar dissolves quickly in water. ... When placed in a shallow pan of water, the dye quickly dissolves and starts to absorb into the water, making a colourful **rainbow**.

Questions to think about

1. Why do you think the colours do not mix?
2. What do you think would happen if the water was hotter? Why do you think this?
3. Do all the colours dissolve at the same rate, if not, which colour dissolved the fastest? Why is that

Food Technology

Design a summer smoothie/drink

As you know the World Health Organization (WHO), recommends eating a minimum of 400g of fruit and vegetables a **day** to lower the risk of serious health problems. This amounts to '5 portions a day'

Your challenge is to design a healthy smoothie for the summer that contains at least 3 of your '5 a day'. Make your smoothie, write up the recipe and let us know what it tastes like.



Art - Newspapers and Magazines

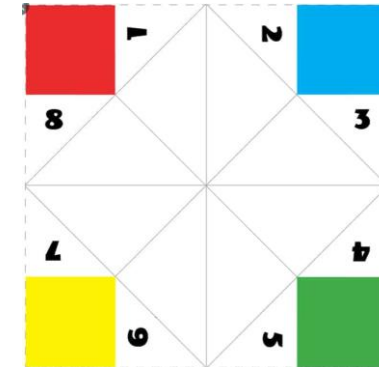
Recycle old newspapers or magazines to make a picture. Look at the examples below for inspiration or come up with your own idea. Take a picture of your artwork to send in your class email.



Health and Wellbeing- Positive Thinking

Chatterbox

Make a positive thinking chatterbox. Print off the attached template. On the outside put different colours that represent positivity and happiness e.g. red, yellow, orange. At the next level choose numbers. Inside write positive messages and compliments. e.g you are always kind, it is good to smile. ***Attach template!!***



Music - create a rap

When we return to school after the Summer holidays thing might be different from before. Can you make up a rap about what school might look like? Some ideas to include: social distancing, hand washing, getting to school, playtimes.



Answers to Maths task 1

<u>Qu</u>	*	**	***
1	1 cm	2 cm	6.7 cm
2	3 cm	5.5 cm	0.2 cm
3	10 cm	8.7 cm	1.23 cm
4	4.5 cm	0.3 cm	40.9 cm
5	25 cm	15 cm	824.1 cm
6	100 cm	300 cm	1200 cm
7	400 cm	50 cm	240 cm
8	1500 cm	75 cm	32 cm
9	2300 cm	1300 cm	140,200 cm
10.	12000 cm	350 cm	9803 cm