

## Remote Learning Overview – KS2

Year Group: 5



*As our school site is closed, due to extreme weather, please complete as much of the learning outlined below as possible.*

Resource	Guidance
Home Learning Grid	The home learning grid for this half term is available in your home learning book and on the school website. Please complete one task, in addition to your normal home learning, today. We would be really impressed if you also completed the 'Challenge!' element within each task.
MyMaths	Log into the MyMaths website: <a href="https://www.mymaths.co.uk">https://www.mymaths.co.uk</a> (Remember to use <b>the school</b> username and password.) Log in to the pupil portal using <b>your</b> username and password. Homework: Find six tasks set by your teacher to help you practise skills you are learning at school this half term. Games: Play online maths games to practise and recall key skills and number facts. Practise: Select your year group and explore the different topics.
Times Tables Rockstars	<a href="https://trockstars.com">https://trockstars.com</a> Go to the Times Table Rock Stars website or download the app. Use the username and password that your teacher has previously given you. Enjoy playing on seven different game modes and practise recalling times table facts. Earn coins to upgrade your avatar and be the coolest rock star in class! Play for at least fifteen minutes each day. Garage: Practise the times tables you need to focus on most. Jamming: You choose the times tables you would like to practise. Studio: Answer times table facts from 1x to 12x. The faster you answer the higher up the school score board you will go. Soundcheck: Answer 25 questions, with only 6 seconds to answer each one! How many will you get right? Festival: Race children around the world to see how many you can get right.
Reading	The Oxford Owl eBook Library contains a wide selection of books from across Oxford's most popular series. The ebooks are carefully levelled and progress in reading difficulty from those appropriate for Reception right through to those suitable for Year 6. 1. Go to <a href="http://www.oxfordowl.co.uk">www.oxfordowl.co.uk</a> 2. Click on the 'Log in' link (top right) to open the login form. 3. Make sure the 'Students' tab is highlighted. 4. Use the username and password that your teacher has previously given you 5A Username: 5abowmansgreen Password: Bowmansgreen123. 5H Username: 5hbowmansgreen Password: Bowmansgreen123. Click 'Login'. 5. Click on the tile for the Oxford Owl eBook Library. 6. In the search bar type in 'Oliver Twist' and select the book to enjoy reading it.
English Lesson	In year 5, in English, we will be learning about writing a narrative. Please complete the first lesson in this unit. <a href="https://classroom.thenational.academy/units/oliver-twist-narrative-writing-280c">https://classroom.thenational.academy/units/oliver-twist-narrative-writing-280c</a>
Mathematics Lesson	This week, in mathematics, we will be learning about the formal written methods for addition and subtraction. Please complete the second lesson in this unit. <a href="https://classroom.thenational.academy/units/problem-solving-with-integer-addition-and-subtraction-2a10">https://classroom.thenational.academy/units/problem-solving-with-integer-addition-and-subtraction-2a10</a>
Theme Lesson	It's Christmas Eve and Santa and Rudolph are ready to set off but Santa has left a present on a shelf in the workshop! Can you help design a parachute to assist the elves in sending it

safely and slowly down to the sleigh? In this activity, you will learn about gravity, air resistance and the way the two act against each other.

The equipment you will need:

- Three empty yoghurt pots (or a container to hold the present)
- Paper – you can use leftover wrapping paper, newspaper, paper napkin, bin bag or any leftover plastic film or bubble wrap from packaging. This is your parachute material.
- Sticky tape
- Scissors
- String

### How to do it

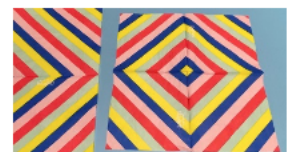
#### Step 1

Cut a large square from your paper or other parachute material– at least 12 inches square although it can be as big as you like!



#### Step 2

Cut a second square roughly half the size of your first.



#### Step 3

Stick a length of string about 8 inches long to each corner of both squares using your sticky tape.



#### Step 4

Stick the other end of each piece of string equally around the top edge of your yoghurt pot with sticky tape.



#### Step 5

You now have two parachutes: one large, one small plus a yoghurt pot without a parachute.

PREDICTION: Which do you think will reach the floor first?

Hold each by the parachute as high as you can and drop them one by one. Then try dropping the yoghurt pot without a parachute.



#### Step 6

Were you right? The largest parachute should have reached the floor a little more slowly than the smaller one – and the yoghurt pot on its own will reach the floor very quickly.

So, Santa should use a larger parachute if he wants his present to stay safe!

### **Well done – you’ve cracked the Christmas challenge!**

In this challenge we saw how parachutes help falling objects to slow down, so that the object – whether it’s a present or a person - stays safe. But how does it do that? Write your prediction. Think about gravity and air resistance.

Our school website

[Bowmansgreen Primary School - London Colney, St Albans](#)

You will find many useful resources, particularly for phonics, English and mathematics, on our school website. Please look under the ‘Learning’ and then ‘Our Curriculum’ tabs.