

Home learning – Year 6

Please use the links and ideas below to support your home learning.

Maths	English
Times Tables	Reading
<p>1) Log into Times Table Rock Stars. There will be a new battle set from Monday 4 May to Friday 15 May.</p> <p>2) Create a board game that requires knowledge of times tables. See the one we have attached as inspiration. We have also put in a blank template that you could use if you wanted to.</p> <p>Maths\Board game template.doc</p> <p>Maths\T2-M-901-8-Times-Table-Multiplication-And-Division-Board-Game_ver_1.pdf</p>	<p><i>Suggestion on how to organise your home learning: read your reading book every day– just before lights out in bed is always a good time – and it will help you mind relax. Choose one other activity from the list below each day.</i></p> <ul style="list-style-type: none"> • Read your reading book for at least 30 minutes per day <ul style="list-style-type: none"> - Write a comment in your journal/portfolio about what you have read – what questions did it make you think of? What do you think about what has happened? Are you confused by anything? - Complete a book review of your book using template (uploaded onto class dojo) • Complete the 10-4-10 reading challenge on this website. (Ignore the message about the SATS though – they have been cancelled for this year ☺) There is a reading extract and questions for each day for 10 days. https://primarysite-prod-sorted.s3.amazonaws.com/st-andrews-weeley/UploadedDocument/e35d54a7fb9c426ebafc519c7769695c/ten-for-ten-reading-comprehension.pdf • Choose 1 or 2 of the 'Cultural Experience Challenge x100' activities to complete (uploaded to class dojo) • Learn a poem by heart and make a recording of you reading the poem aloud. Think about how you will recite it to engage the listener. Could you add any actions of drama? • Create a short drama scene from an event in a book you are reading. Get your family to join in if you can! Upload a video of your short drama.
Fractions, Decimals and Percentages	
<p>Percentages</p> <p>https://nrich.maths.org/1118</p> <p>Complete the 'Would you rather?' exercises.</p> <p>As an extension, create some of your own.</p> <p>Fractions and Decimals</p> <p>Choose a fraction to focus on every day. Complete the questions below, using that fraction. You could start at a proper fraction like $\frac{3}{4}$.</p> <ol style="list-style-type: none"> 1) What is that fraction as a decimal? 2) Represent the fraction in five different ways 3) Add the fraction to another fraction. What is the answer? 4) Add the fraction to a decimal. What is the answer? 5) Draw a picture that has the fraction you have chosen coloured in a certain colour. 6) Find out about that fraction: can you find any examples where this fraction has been used: in food, in film, in music, or in any other area of life? 	
Number of the Day	Composition / Writing
<p>Visit the number of the day website. This changes the number every day and gives you good activities to complete. This will keep developing your sense of number.</p> <p>https://mathsstarters.net/numoftheday/</p>	<p><i>Suggestion on how to organise your home learning: Choose a different writing activity each day</i></p> <ul style="list-style-type: none"> • Carry out one or more of the science experiments you can do at home (uploaded)

Calculations

Visit the BBC bitesize website: this has an arithmetic lesson every day for you to continue practising your skills.

<https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons/1>

onto Class Dojo) and write up a report of your experiment.

- Create a piece of art and then write an explanation of it that would be stuck on an art gallery wall next to it. (**example uploaded to Class Dojo**)
- Write a letter to persuade people that it is important to stay at home and social distance during this coronavirus outbreak. Make at least 3 different main points, explaining them with examples and evidence. (**persuasive techniques/strategies uploaded to class dojo**)
- Make something for you and your household to eat. Write up a recipe of it for someone else to follow.
- Write a poem about being in lockdown. It can rhyme, or not rhyme. It can be funny or serious. It can tell a story or just express ideas. It can be long or short!
- Write a short story using this starting line:

I heard the music as I entered the room, but all that was there was a violin, lay there on its back on the bare floorboards....

Write a play script for your drama in the reading activity (see above reading section)

Reasoning Problems

Easier

Try a couple of questions from these reasoning papers every day (2017) <..\..\..\SATs\SATs 2019\Maths\KS2 papers\2017\Paper 2 2017 reasoning.pdf>

<..\..\..\SATs\SATs 2019\Maths\KS2 papers\2017\Paper 3 2017 reasoning.pdf>

Harder:

Try a couple of questions from this reasoning paper every day (level 6 2015)

<..\..\..\Planning\2018-2019\Maths\G and T Maths Group\Level 6 papers and mark schemes\2015 papers\2015 KS2 L6 mathematics paper1 PDFA .pdf>

<..\..\..\Planning\2018-2019\Maths\G and T Maths Group\Level 6 papers and mark schemes\2015 papers\2015 KS2 L6 mathematics paper2 PDFA .pdf>

Spelling

Suggestion on how to organise your home learning: Practise your spellings/patterns everyday – get someone to test you at the end of the week. Choose one of the Bitesize activities each day.

Practise and learn these spellings – one list for each week. What other words can you find that have the same spelling patterns as the words in your lists? (**lists uploaded to Class Dojo**)

Week 1 (mixed rules)	Week 2 (mixed rules)
fantasy stories cultured associated intelligent wearing considered dangerous majestic characters	extinct believe impressive scales breathe emblem bridge islands supreme stretches

- Watch video and complete spelling activities for 'ough' spelling pattern <https://www.bbc.co.uk/bitesize/topics/zt62mnb/articles/z9f2b82>
- Watch video and complete spelling activities for -ture and -sure spelling patterns <https://www.bbc.co.uk/bitesize/topics/zt62mnb/articles/z3jpk>

Investigation

How many squares are there on an 8x8 chessboard? You would think there were 64? But what if you counted all of the squares: 2x2 squares,

<p>etc. Think of an interesting way to display your findings.</p> <p>Extension: How many squares would there be on a larger chessboard, e.g. a 10x10 one?!</p> <p>We look forward to seeing what you find out!</p>	<ul style="list-style-type: none"> • Watch video and complete spelling activities for 's' spelled with 'sc' pattern https://www.bbc.co.uk/bitesize/topics/zt62mnb/articles/zt932nb <p>Watch video and complete spelling activities for 'sh' spelled with 'ch' pattern https://www.bbc.co.uk/bitesize/topics/zt62mnb/articles/zt8f3qhv</p>
<p style="text-align: center;">Geometry</p> <p>Cut net activity: from nrich. https://nrich.maths.org/2315</p> <p>When you finish this, come up with your own 'cut nets' for cubes or other 3D shapes!</p>	<p style="text-align: center;">Grammar and Punctuation</p> <p><i>Suggestion on how to organise your home learning: Choose a different video each day to learn and practise with.</i></p> <ul style="list-style-type: none"> • Watch video and complete quiz for semi-colon use: https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/zshfdxs • Watch video and complete quiz for hyphens and dashes use: https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/zg8gbk7 • Watch video, complete interactive task and quiz for prepositions https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zw38srd • Watch video, complete interactive task and quiz for subordinating conjunctions https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zqk37p3 <p>Try this online British grammar test: it marks it for you as you do it! https://www.britishstudy.com/en/grammar-test/</p>
<p style="text-align: center;">Statistics</p> <p>Choose an exercise to undertake every day. For example, it could be juggling a football without it hitting the ground, jumping on the spot, star jumps, or throwing a ball up and down.</p> <p>For this exercise, count how many you do every day for the next 10 day working week period (Monday to Friday). Then, work out what your mean average is per day. I have given you an example below:</p> <p>M – 20 T – 45 W – 30 T – 49 F – 48</p> <p>M – 41 T – 23 W – 14 T – 20 F - 10</p> <p>Mean average per day is this: (20+24+30+49+48+41+23+14+20+10) divided by 10 = total of 30 mean average per day.</p> <p>It would be interesting to see how you record this!</p>	

Top Tips for Home Learning

1. Establish a routine at home by making a weekly timetable.
2. Plan a blend of activities that might include:
 - Work set by the school for maths and literacy
 - Other learning opportunities such as online, practical, outdoors
3. Provide opportunities for daily exercise
4. Be aware that this may be a stressful time for children and pay special attention to their emotional and mental wellbeing
5. Use safe online platform to stay in touch with friends and family

6. Sign your child up for ClassDojo to stay in touch with school (see below)

ClassDojo

ClassDojo is a school communication platform that teachers, pupils and families can use every day to build close-knit communities by sharing learning through photos, videos, and messages. Whilst school is closed, teachers will be using ClassDojo to maintain relationships with the whole class.

Teachers can:

- Send direct messages to families, share lessons or announcements, and assign classwork to pupils.
- Share activities that children can respond to from home via video, photo, journal entry, or drawing.

Children can:

Showcase and share their learning by adding photos and videos to their own portfolios

Additional useful links

The Maths Factor by Carol Vorderman: <https://www.themathsfactor.com/>

(Create a free account)

Free Twinkl account - <https://www.twinkl.co.uk/sign-up>

(Create an account and use code: TCVDTWINKLHELPS)

Espresso - https://central.espresso.co.uk/espresso/primary_uk/home/index.html?source=topnav

(Username: student23496 Password: elephant)

White Rose Maths: <https://whiterosemaths.com/resources/schemes-of-learning/primary-sols/>

Top marks: Access to lots of online maths games

<https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers>

Explorify – Science games and activities (Brilliant website, sign up is free)

https://explorify.welcome.ac.uk/register/your-details?signup_btn=header

BBC bitesize: <https://www.bbc.co.uk/bitesize/levels/zbr9wmn>

National Geographic <https://www.natgeokids.com/uk/>

Times Tables Rockstars <https://trockstars.com/>

The Literacy Shed <https://www.literacyshed.com>

Maths reasoning <https://nrich.maths.org>

Spelling <https://www.spellzone.com>

Daily maths, English and non-core lessons can be found on

<https://www.thenational.academy/online-classroom/schedule> (government-backed home learning tool)

Daily lessons can also be found on <https://www.bbc.co.uk/bitesize>

Also:

Science Experiments for Kids:

<https://theimaginationtree.com/science-experiments-for-kids/>

<https://funlearningforkids.com/science-activities-kids/>

