Home learning – Year 4   w/c 8 & 15 June

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

Maths	English

Maths

Times Tables
Which times tables to do you find the hardest? Choose one and then create your own times table flashcards with the question on the front and the answer on the back! Like this:

7 x 12	84

Practice each card in order, then jumble them up and practice that way! Then time how quickly you can answer all of them. Can you beat someone else in your household?
Continue to use the websites below to access online times tables games.
https://ttrockstars.com/
https://www.topmarks.co.uk/maths-games/7-11-years/times-tables

Shape
Watch the video on coordinates:
https://www.bbc.co.uk/bitesize/topics/zgthvcw/articles/z96k9qt
Have a go at playing coordinates battleships!
https://www.tes.com/teaching-resource/coordinate-battleships-differentiated-for-la-ma-and-ha-ideal-for-ks2-11361441
If you don't have access to a printer, you can easily draw out your grid onto paper!

Calculations

Have a go at the word problems on this link:
https://www.twinkl.co.uk/resource/t2-m-1068-differentiated-two-step-maths-word-problems
(This will be uploaded onto Class Dojo for those that can't access it)

It is important to remember RUCSAC when solving two step word problems.

Use this link to find out more about RUCSAC:
https://www.bbc.co.uk/bitesize/articles/z429kmn

Top tip for solving two-step word problems:
Act it out with objects or a member of your household to distinguish between the two steps that need to be solved to get the final answer!

English

Spelling
Watch the video and complete the quiz on the link below before practising this week's spellings!
https://www.bbc.co.uk/bitesize/topics/zqqsw6f/articles/zqcpv9q

Week 1: Adding the suffix -ous (no change to root word)

dangerous	hazardous
poisonous	riotous
mountainous	perilous
joyous	momentous
synonymous	scandalous

Week 2: Adding the suffix -ous (no definitive root word)

tremendous	fabulous
enormous	curious
jealous	anxious
serious	obvious
hideous	gorgeous

Practise the 10 spellings each week and write the definition of each word.

Grammar and Punctuation

Choose and work through a variety of videos and quizzes to learn and practice your grammar and punctuation.

Pronouns:
https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/z37xrwx
Prepositions:
https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zw38srd
Expanded noun phrases:
https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/z3nfw6f
Fronted adverbials:
https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zp937p3

Suggestion on how to organise your home learning:

Choose one of the topics and **create a 'how to' poster** that includes a guide for how to use the tool as well as examples that you have written!

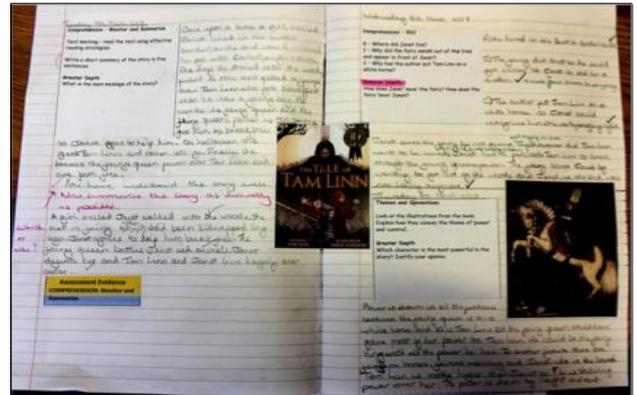| Number and Place Value	Composition / Writing
Click on the link below to log in to espresso. Login: student23456 and Password: elephant. https://central.espresso.co.uk/espresso/primary_uk/subject/module/frontscreen/item316055/grade2/index.html?source=subject-Maths-KS2-Maths-Resource%20types Work through the videos and activities to develop your understanding of negative numbers. **Activity 1:** Play the online tug of war game with someone in your household. If you don't have two dice, try using an online number generator for the numbers 1-6 and you could use anything around the house as a counter! https://nrich.maths.org/5898 **Activity 2:** Negative numbers are important in everyday life, for example, when reading a thermometer. Explore the online thermometer on the link below by scrolling up and down. https://www.mathsisfun.com/measure/thermometer.html Draw your own thermometer which includes negative numbers. Choose your own appropriate scale. Choose a temperature on your thermometer and work out what temperature it would be if it got hotter or colder by 1,2,5,10 or more degrees.	As we would have been learning about the Ancient Greeks in school this term, take some time to research this period in history. Use the links below as a guide: https://www.coolaboo.com/world-history/ancient-greece/ https://www.bbc.co.uk/bitesize/topics/z87tn39 https://www.dkfindout.com/uk/history/ancient-greece/ https://www.natgeokids.com/uk/discover/history/greece/greek-myths/ **Activity 1:** Choose one thing you have researched about the Ancient Greeks, for example, the first Olympic Games and write a newspaper report that details the events of this part of history. Use a catchy headline and fronted adverbials of time place or manner to give the reader more information. Use this link to help you include all the features for a good newspaper article: https://www.bbc.co.uk/bitesize/articles/zkn3bdm **Activity 2:** Create a non-chronological report about the Ancient Greeks. Your headings could include: • Life in an Ancient Greek family • Greek Gods • Myths • The Greek legacy. Use this link to help you include all the features of a good non-chronological report: https://www.bbc.co.uk/teach/class-clips-video/english-ks1-ks2-how-to-write-a-nonchronological-report/zvbtscw
Fractions Find 20 objects in your house. Show what you know about fractions using your objects! For example: I have taken 20 pencils. Then I have found 2/5 of my pencils.	**Reading** Read your book for at least 30 minutes each day. Start a reading journal/ portfolio! In your home learning book, create a double page spread for each book you read. Use the bullet points below for ideas about what to include and be creative about how you present your information: - Name and author - Pictures or drawings of the story

I have split my pencils into equal groups of 5 (denominator) and counted 2 groups (numerator). So 2/5 of 20 is 8.

What fractions can you split your 20 objects into? What fractions of the amount can you find like my example?

Perimeter

Cut out 12 equal-sized squares with 5cm sides. Put them into one long rectangle. What is the perimeter of this rectangle? Rearrange them to make different rectangles - do they all have the same perimeter? How many different perimeters can you make by rearranging these squares?

Maths Quiz

While everyone is at home, there is a craze going around where families and friends take part in virtual quizzes! Create your own Maths quiz to share with others! Create questions based on your specialist maths subject area. You will need to provide the answers! This could be times tables, shape, decimals, reasoning, the possibilities are endless! If you want, and with parent permission, your quiz could be shared on Class Dojo for the whole class to take part in!

- A table for each day of the week which includes many pages you read that day / a short paragraph about what you read that day
- Is your book fiction or non-fiction and how do you know?
- Key character profiles
- New vocabulary you have learnt and their definitions
- A timeline for the key events in the story

Use the links below to find free online stories and activities:

https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/

https://central.espresso.co.uk/espresso/modules/e2_comprehension_lks2/index.html?source=subj%20ect-English-KS2-English-Resource%20types

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

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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.wellcome.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://ttrockstars.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/