## Neptune Home Learning Grid w/b 27 ${ }^{\text {th }}$ April 2020

How Can I Help Others?

| Reading Bingo |
| :--- |
| You should be reading for at least | 20-30 minutes each day. As well as your novel, use the attached Reading Bingo grid to keep your genres and sources varied. There are also currently lots of free books available online, including audiobooks. See the suggested websites at the bottom of your Bingo Grid.

You can do this task over the week, even over a few weeks. How many boxes can you get?

|  |
| :--- |
| Matchstick Puzzle |
| Make the number 885 as shown | below using matchsticks, straws, rods or draw it out on paper.



What is the largest possible number you can make by moving only 2 matches?

What other numbers can you make using all 19 matches?
(If using matches, please make sure you have the consent of an adult.)

Helpful Characters
In your reading book, can you find a time where one character helps another? Summarise the events in your own words but remember to back up your ideas with evidence and to link to the book using quotation marks and page numbers.
Countdown Here is a chance to play a version
of the classic Countdown game.

The challenge is to use the 6 numbers available and the four standard operations to hit the target. Each card can only be used once but it may not be necessary to use all the cards.


Try an interactive version here with further questions: https://nrich.maths.org/6499

## Read the News

Find and read or listen to
a real story about someone who has done something to help or look after others. You may need to do some research:

- read a newspaper or magazine you might have in your house
- watch the news on TV
- if you can access the internet, find a story on a news website (see useful websites)


## Pouring the Fruit Punch

There are four jugs.
The largest holds exactly 9 litres of drink, and is filled to the top.
The 7 litre, 4 litre and 2 litre jugs are empty.

Find a way to pour the drink from one jug to another until you are left with exactly 3 litres in three of the jugs.

See possible solutions here: https://nrich.maths.org/965/solution


## Dragon's Den Pitch

For this activity, you will need to complete the 'Innovative Inventions' task first.
Make a Dragon's Den style pitch to persuade the Dragons to invest in your product/ invention. You will need to talk about the people/ group of people it is aimed at, the problems they are facing and how your invention will positively impact the world. You may also want to think about the practicalities of building this. What resources will you need? How will you fund our invention?

## \#wodb

Which one doesn't belong? Why?


Try asking different members of your family? What reasons do they give? What other reasons can you think of for each of the 4 images?

Can you create a 'wodb' using items in your house? Try it out on someone else. Take a photo of it and post it to your class facebook page!

## The day I was helpful...

Write a short narrative story with a beginning, middle and end in your jotter.
Can you use any of these words in your story instead of the word help/helpful? These are synonyms.
nourish
assist pragmatic benevolent neighbourly considerate supportive invaluable

## Be a Pro at Prodigy!

Continue to use your Prodigy account regularly to practise a wide range of numeracy and maths skills. Are you still reaching your target of 100 questions each week?
https://www.prodigygame.com/

## prodigy

A game to play on your own or with the family.

Start with an empty cereal box placed on the floor. The aim is to pick the box up with your teeth without touching the floor with your hands or your knees and get back up to a standing position. Everyone involved in the game has a go and if you touch the floor you are out (you might decide to have $2 / 3$ goes). When everyone has had a go, rip a short section off the top of the box all the way around to make it shorter (approx 2 cm ). Then start round two. The game ends when there is only one person left or you just have the bottom of the box left.
Innovative Inventions

Design an invention that will help others. Think about an issue in the world that may be eased or solved by some kind of invention.

Draw and label your invention, giving information on its size, parts, materials and functions.

When you are finished look at the ‘Dragon's Den Pitch' literacy task as a follow up activity.

## Spell Your Name

## DO THE WORKOUT EVERY DAY

| A: 10 PUSH UPS | N: 5 SETS OF STAIRS |
| :--- | :--- |
| B: 1 KJOG | O: 20 LEG RAISES |
| C: 10 SQUAT JUMPS | P: 1 MIN PLANK |
| D: 20 BURPES | Q: 30 STARJUMPS |
| E: 10 SQUATS | R: 2 MIN SKIPPING |
| F: 20 STAR JUMPS | S: 20 BURPEES |
| G: 20 LUNGES | T: 30 SEC PLANK |
| H: 1 MIN SKIPPING | U: 15 SQUATS |
| I: 45 SEC PLANK | V: 15 PUSH UPS |
| J: 3 SETS OF STAIRS | W: 20 SIT UPS |
| K: 10 BURPEES | X: 10 LUNGES |
| L: 20 SQUATS | Y: 20 SQUATJUMPS |
| M: 2 MIN PLANK | Z: 2 MIN PLANK |

Ben might do his surname too, Matthew might just do his first name! Do you know why?

## British Sign Language

Many people in our community may find speech difficult. One way in which they may be able to communicate is through British Sign Language. Using the alphabet attached, can you spell your name in British Sign Language? What about the names of others in your house?

If you want a challenge why not try the 2 minute challenge, how many words can you work out in two minutes?
https://www.british-
sign.co.uk/fingerspelling-game/

Heroes and Heroines

Research a person in history who has helped others in some way. You may use one of the suggestions below or you can use your own idea. E.g. Florence Nightingale, Nelson Mandela, Alexander Fleming

Make a short biography about their life. What basic information can you find out about them? What did they do that was so impactful? How have they continued to impact on the modern world?

## Job interview

Pretend you are interviewing for a job in your community/in the world in which you will be responsible for helping others (emergency services, carer, teacher, lollipop person, researcher).

What skills do you have that would be needed?

Why would you be good at the job?

What strengths do you have?
What may you need to work on to be effective?

## Community Composition

Pick any song. Can you rewrite the lyrics to something about helping others or being kind? You can work on your own or you may want to work with siblings or even get the whole family involved!

Feel free to record your product and send it to us! We would love to see / hear your creations!

## I wheely wheely must get

 outside....What wheels do you have: a bike, scooter, skateboard, roller skates?

Go outside for 30 mins and play with your wheels.

Try something new. Can you make a ramp for your scooter?
Can you cycle with no hands? Can you do an arabesque on skates?


Design a Logo
Once you have done the Innovative Invention task, think about an eyecatching logo for your invention.

The best logos are simple but effective, they capture your attention, and have a theme.

Some well-known logos are:


## Reading BINGO <br> MADE $\quad$ BYoMISSvMAUN <br> Second level

| A book <br> about a <br> famous <br> person | A book with <br> no pictures | A comic <br> book | A book with |
| :---: | :---: | :---: | :---: | :---: |
| more than |  |  |  |
| 10 chapters |  |  |  |$\quad$ A magazine

You will find lots of amazing books to read or listen to for free on these websites: oxfordowl.co.uk booktrust.org.uk $\underset{\text { magicblox.com }}{\text { freechildrenstories.com }}$ Player.co.uk (bedtime stories) storylineonline.net @. Maun Miss

BSL Fingerspelling Alphabet


## USEFUL WEBSITES

## NUMERACY AND MATHS:

https://nrich.maths.org/
https://www.prodigygame.com/
https://completemaths.com/
https://www.topmarks.co.uk/
https://mathsframe.co.uk/en/resources/category/22/most-popular

## SCIENCE/STEM:

https://www.britishscienceweek.org/plan-your-activities/activity-
packs/?gclid=CjwKCAjwsMzzBRACEiwAx4ILG8 zT4qImYI4UJfsRSgopbmELVOgfmo-
9fYZ88SJEJ3QeEMP67LSDxoCzIsQAvD BwE
https://www.youtube.com/user/crashcoursekids
https://hourofcode.com/uk
https://thestemlaboratory.com/lego-challenge-cards/

## LITERACY:

https://www.literacyshed.com/home.html
https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar
https://www.doorwayonline.org.uk/literacy/
https://www.scottishbooktrust.com/
https://www.worldbookday.com/

## SOCIAL STUDIES:

https://www.natgeokids.com/uk/
EXPRESSIVE ARTS:
https://artprojectsforkids.org/
https://www.finchandfouracre.co.uk/print-a-model
https://www.youtube.com/channel/UCAxW1XTOiEJoOTYIRfn6rYQ

## Dragons Den Pitch Examples and Advice:

https://startups.co.uk/how-to-pitch-to-a-dragon-with-deborah-meaden/
https://www.youtube.com/watch?v=-ON8gS1JXXQ
https://www.youtube.com/watch?v=MscHxe3-DEs

