

Can you complete some of our home learning challenges in your learning journal at home?

1. Write a letter to your teacher telling them one of your favourite subjects you learnt about this year and why. Don't forget to include Alan Peat sentences and a range of punctuation.
2. What job do you want to do when you finish school? Do you want to go to university? Create a 'vision board' with pictures and inspiring words which could help you reach your goal. For example, if you want to go to university, include words and phrases such as 'work hard', 'concentrate'. If you want to be a vet, include pictures of all the animals you could help look after. If you want to be a footballer, include a picture of the team you want to play for. Make it as bright and as colourful as you can.
3. Write a diary entry of a day at home, include all the learning you did at home that day.
4. Write down all the homophones you can think of. Can you put them into a sentence? Remember, a homophone is a word that sounds the same but is spelt differently. For example, which and witch. Which coat is yours? I am dressing up as a witch for Halloween.
5. Write a book review on the book you are currently reading or have recently read. Include the genre, key characters, the storyline (without giving too much away) and whether you would recommend it or not.
6. Create a wordsearch including the words from your 'word of the day' activity. Give it to a family member to solve. Maybe you could include other new words as well.
7. Say thank you- who are you grateful for right now? Maybe your parents have done a great job teaching you maths, or your sibling has taught you how to play a new game. Write a list of all the things you are thankful for, maybe there are quite a few people you are grateful for, don't forget to say thank you!
8. Take part in a 'Joe Wick's PE workout' and draw and label the exercises you did afterwards in your journal, can you remember them all? Or you can make up your own 30-minute workout and record it in your journal.
9. Measure the length of 10 items in your house. Can you convert from centimetres to metres and vice versa?
10. Write down all the factors pair for 8, 16, 24, 32, 40, 48, 56, 64, 72 and 80. What do you notice? Is there a pattern? What is the highest common factor?
11. Write down the times you start each lesson for your home learning activities, can you convert 12-hour clock to 24-hour clock and vice versa.
12. Go on TTRockstars and Numbots. Keep practising your times tables. Send each other challenges. Challenge the teachers too!
13. Simplify these fractions $\frac{25}{100}$, $\frac{200}{1000}$, $\frac{36}{100}$, $\frac{8}{1000}$
14. Draw a net for a cube, remember all the measurements have to be the same.
15. Can find the treasure in this interactive coordinates game? <https://nrich.maths.org/6288>
16. Have a go at solving this coded number square <https://nrich.maths.org/6554>
17. Write a definition of what a prime number is. List the first 20 prime numbers!