



The Avenue Primary School

Work from home - Year 6

Suggested activities to fill your daily timetable

Reading	Writing	Spellings
Please continue to read 4x a week. Please see 'Work from Home' sheets 1-5 for ideas on stand-alone reading activities and places offering free reading books during Lockdown.	We have added a booklet called 'Y6 Creative Writing Prompt' to the website under Y6 Home Learning, to give you some new ideas. You can complete any of the tasks from Work from Home sheets 1-5. Alternatively, I have added a full week's scheme of work based on setting descriptions. You are all great at writing descriptions! Show off what you can do!	Spelling Shed and Purple Mash. Practice, practice, practice!
		Handwriting
		Please always use your best, joined handwriting .
A 1 week scheme of English work taught by Y6 teachers		SPaG
Go to https://www.thenational.academy/online-classroom/year-6#schedule Make sure you are on Week 3 (4th May). 1. Follow lesson 1 English on the Monday tab 2. Follow lesson 2 English on the Tuesday tab 3. Follow lesson 3 English on the Wednesday tab 4. Follow lesson 4 English on the Thursday tab 5. Follow lesson 5 English on the Friday tab These are lovely writing video lessons, led by Y6 teachers that focus on setting descriptions in reading (lesson 1 -3) and writing (lesson 3-5)		Please revise SPaG regularly, using revision books, homework books or free Y6 online work. It's important that you try to retain as much of your knowledge as you can 😊
Science/STEM	Gallery Rebels	
At the end of this document, you will find a science-based task, which challenges you to 'Stop the Spread' Alternatively, access the BBC home learning page below and complete some science based on the body.	Do some research on the colour wheel and colour theories (such as contrasting colours, analogous colours and complementary colours). Show your learning in a non-chronological report, or on a double-page spread – or perhaps you could create some art using the theories and decide which you prefer. You choose!	
SMSC	Tables	ICT
Access the website below and register to gain access to and complete the home learning pack focused on social, moral, spiritual and cultural skills/development. https://www.gogivers.org/free-stuff/home-learning-pack/	Please continue practising all times tables up to 12 x 12, along with related division facts	Access Purple Mash to access a range of activities at your leisure.
BBC Home learning daily lessons		
Access the BBC's daily lessons page and follow along with any of the daily lessons that are available for all areas of the curriculum (including resources and videos) https://www.bbc.co.uk/bitesize/levels/zbr9wmn		
PE		
Follow along with Les Mills' class – Born to Move for 8-12 year olds - on YouTube. He has made several videos – check them out for other ideas 😊 (search 'Les Mills kids'). https://www.youtube.com/watch?v=9WgkiB-GQMI		

Always remember to ask for adult supervision when using the internet

Maths Suggested activities

Maths

Visit the White Rose website using this link:

<https://whiterosemaths.com/homelearning/year-6/>

Fractions

Multiplying Fractions – Remember to multiply a fraction, multiply the numerators together and then multiply the denominators together.

So $1/3 \times 1/4 = 1 \times 1 = 1$ $3 \times 4 = 12$ $1/3 \times 1/4 = 1/12$

Multiply these fractions

- $1/2 \times 1/5 =$ $1/4 \times 1/6 =$ $1/2 \times 1/2 =$ $1/5 \times 2/3 =$ $3/8 \times 1/4 =$ $2/3 \times 2/3 =$
- $4/5 \times 5/6 =$ $9/10 \times 5/12 =$ $4/5 \times 3/8 =$ $1/2 \times 4/7 =$ $7/10 \times 4/5 =$
- $2/5 \times 3/4 =$ $3/4 \times 5/12 =$ $3/10 \times 8/9 =$ $7/12 \times 4/7 =$ $7/8 \times 2/3 =$

When multiplying a mixed number by a fraction. Convert the mixed number into an improper fraction. Then change back to a mixed number after you have multiplied.

$$3 \frac{1}{2} \times 2/5 = \quad 7/2 \times 2/5 = 14/10 = 1 \frac{4}{10} = 1 \frac{2}{5}$$

- $1 \frac{3}{8} \times 6/11 =$ $3 \frac{3}{5} \times 1/6 =$ $4 \frac{1}{2} \times 11/12 =$ $5 \frac{4}{7} \times 2/9 =$ $2 \frac{7}{10} \times 2/3 =$
- $3 \frac{7}{11} \times 5/8 =$ $3 \frac{3}{8} \times 4/9 =$ $2 \frac{1}{12} \times 4/5 =$ $5 \frac{1}{4} \times 6/7 =$ $6 \frac{2}{3} \times 9/10 =$

- REMEMBER**
- To divide a fraction by a whole number multiply the denominator by the divisor.**

So $1/2$ divided by 3 $2 \times 3 = 6$. So $1/2$ divided by 3 = $1/6$.

Divide these fractions by whole numbers.

- $1/4$ divided by 5 = $1/6$ divided by 2 = $1/3$ divided by 6 =
- $3/4$ divided by 4 = $2/5$ divided by 3 = $3/7$ divided by 2 =
- $5/6$ divided by 6 = $3/4$ divided 9 = $2/3$ divided by 7 =
- $6/7$ divided by 8 = $2/9$ divided by 4 = $2/3$ divided by 10 =
- $5/8$ divided by 11 = $9/10$ divided by 6 = $6/7$ divided by 9 =

For mixed numbers change to an improper fraction then divide.

$$2\frac{1}{2} \text{ divided by } 3 = \frac{5}{2} \text{ divided by } 3 = \frac{5}{6}$$

$$7\frac{1}{2} \text{ divided by } 5 = \frac{15}{2} \text{ divided by } 5 = \frac{15}{10} = 1\frac{1}{2}$$

- $5\frac{3}{5}$ divided by 4 = $2\frac{4}{7}$ divided by 6 = $4\frac{3}{8}$ divided by 7 =
- $2\frac{8}{11}$ divided by 3 = $7\frac{1}{5}$ divided by 12 = $3\frac{5}{9}$ divided by 2 =
- You can still work your way through the Y6 Maths Revision Workbooks. Although KS2 SATs have been cancelled, these are still relevant.
- You can still work your way through the Y6 Maths Homework Workbooks.
- Please refer to the website list we sent out within your revision pack to find relevant Maths websites and games.
- Maths Shed can be accessed through your Spelling Shed login.
- Go to www.twinkl.co.uk/offer to access free home learning packs.

STEM: Stop the Spread

Introduction

Infectious diseases can be spread through direct contact such as: Person to person. Infectious diseases commonly spread through the direct transfer of bacteria, viruses or other germs from one person to another.

Your Challenge!

Imagine you work for a charity and have received some funding to help pupils in a school in Kenya reduce the spread of disease in their school. Your challenge is to:

- Build a model of a hand washing device that could go in their playground which will enable them to capture rainwater then use it to wash their hands.
- Develop education materials which will help children aged 8-11 understand why hand washing is important. This could be a poster, animation, game, play, leaflet.



Things to think about

You will need to think about:

For your hand washing device

- Remember it must be able to both collect and dispense water.
- It must use water efficiently (water is scarce in Kenya).
- Think about how to avoid cross-contamination.
- Use locally available, sustainable materials when possible.

Reflection Questions

Is something confusing me?

Could I explain this to someone else?

