



Year 6 Suggested Home Activities



Week Beginning 8.6.2020

Thank you everyone for your continued hard work. Whether you're still at home or in school, we have a message for you all!



Maths

Times Tables Rockstars

Keep up the great work on here – we can see that more of you are logging on and hopefully you are noticing an improvement in your personal recall speed. Here is our ‘heat map’ for our recall time (as a class) on the different multiplication facts since last week. Notice – we recommend that you allow a maximum of 20 minutes a day



White Rose Maths Lessons – Multiplication and Division

Some of you may be at different stages with the White Rose resources due to various reasons. **Please note** – information in our letter is based on Summer Term Week 5.

Summer Term Week 5 (18.05.20) on White Rose will continue to build on your work last week linked to place value and will progress to some problem solving activities. You can find the link to the suggested daily lessons here: <https://whiterosemaths.com/homelearning/year-6/>

Mr Beard and Mrs Allen’s Top Tips

Dancing Digits

Digits move to the left when you are multiplying and use a zero as the place holder. REMEMBER – the decimal point DOES NOT move.

- Use known number facts to help you e.g. 2.4×20

You can do:

$$2.4 \times 2 = 4.8$$

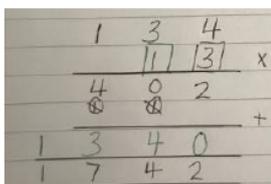
$$4.8 \times 10 = 48$$

Multiplication and division methods (see calculation progression)

Discussions and explanations for multiplying by a number which is 10, 100, 1000 etc. is discussed when using the method shown below:

$$415 \div 3 =$$

$$3 \overline{) 415} \begin{array}{l} 138 \\ \underline{415} \\ 0 \end{array} \text{ r } 1$$



When children are confident enough to use more abstract approaches, involving exchanges use the method above.

Optional tasks:

Below are also some extra activities you can complete if you wish. Please feel free to contact us if there are any areas you would like a Maths challenge based around. If so, we will try our best to include them next week.

Activity 1 – Multiplication and Division



The Puzzler

1, 2, 3, 4, 5

× ÷

Using each of the above digits and operations only once, what is the smallest whole number you can make?

Activity 2 – Puzzle pack

MATHS PUZZLE BOOK

VOLUME FIVE

= for keen puzzlers aged 11 to 105! =

Here is the fifth volume of challenges were created and adapted by Douglas Buchanan. The link to Volume 5 is below:

<https://dcbeagle.com/Maths%20Puzzle%20book%20Volume%205.pdf>

Activity 3 – Multiplication



Looking for Patterns

Step 1: Write the digits 1 to 9 in order, leaving out the number 8, to form an eight-digit number.

12 345 679

Step 2: Choose any one-digit number.

7

Step 3: Multiply the digit by 9.

$7 \times 9 = 63$

Step 4: Multiply the product by 12 345 679.

$63 \times 12\,345\,679 = \square$

What do you notice?

Repeat choosing different one-digit numbers.

Can you predict what the answers will be for each of the nine digits?

Predict what will happen if you do this using other numbers up to and including 18.

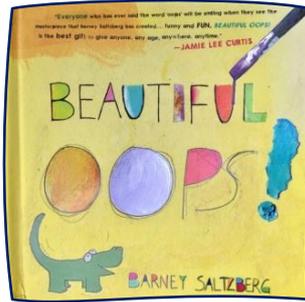
Investigate.

Were your predictions correct?



English

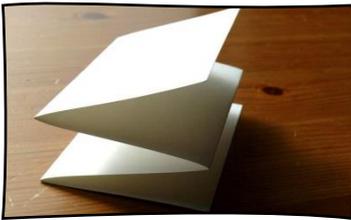
Creative Writing – Writing for a younger audience



This week we would like you to create a storybook for your Reading Partner inspired by 'Beautiful Oops!' by Barney Saltzberg. You can watch the book in action here: <https://www.youtube.com/watch?v=oalMx9fHcds>

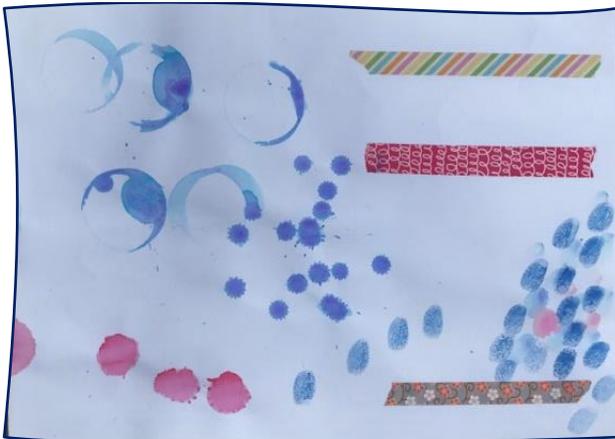
Although the language will be simple, you will need to think carefully about your word choices and techniques in order to make your book accessible and enjoyable for a Reception child.

Session 1 – Create Your 'Oops!'



Fold a concertina book. You can stick two pieces of A3 paper together on the short sides and make 3 folds. Each page will then be A4 size.

Now it's time to make your Oops. On one side of your book, make as many 'mistakes' as you like. You can tear holes, splash on paint, stick scrap paper on, make cup marks – be as creative as you like! Each 'mistake' will become a part of your story.



Session 2 – Develop Your Characters

On a separate piece of paper, draw up to three characters that you will include in your story. Remember to make them relatable to younger children (animals, monsters, aliens, fairytale characters etc.).

Give each character:

- A name
- Up to two objects each which may be significant in your story
- Adjectives to describe their personality



Session 3 – Create Your Beautiful Oops

Return to your 'Oops' and create illustrations using pencils and pens to turn them into a 'Beautiful Oops'. You could turn a hole into a monster's mouth or drips of paint could become slime.



As you illustrate, begin to think about how you will incorporate your characters into the design to tell a story.

Session 4 – Plan Your Story

Plan out your story today using your Beautiful Oops illustrations and your characters. You could use a story mountain or a cartoon strip to plan out the structure of your story.

Take into account some of the tips below to make your story suitable for your Reading Partner to enjoy and follow:

- ✓ Short, simple sentences for the child to understand
- ✓ Settings that will interest the child with simple adjectives to describe them
- ✓ Relatable characters with known traits that the child can relate to (e.g. a cheetah is known for being fast)
- ✓ Obstacles or evil characters which get in the way of your character's journey – don't make these too terrifying!
- ✓ Onomatopoeia during the exciting parts (Crash! Bang! Wallop!) to help the child follow the story
- ✓ Alliteration to help the child recognise sounds and words

Session 5 – Create Your Final Edition

Write your final story using large, legible writing across your Beautiful Oops! Make sure the order of sentences is easy to follow and you have checked your spelling, punctuation and grammar for accuracy.

It would be lovely to share your stories with your Reading Partners. Please get in touch if you would like us to arrange this for you.

Reading

Here is the link to a range of books accessible from home: <https://readon.myon.co.uk/index.html>. Don't forget to complete the associated Accelerated Reader quiz once you have completed a book.

Looking for a new author? Take a look at this website which offers other book recommendations based on the works of previous authors that you have enjoyed: <https://www.booksfortopics.com/branching-out>

Spelling Shed

Next week's words - **Challenge Words List 9: appreciate, communicate, definite, exaggerate, harass, marvellous, persuade, relevant, stomach, vehicle**

Remember that just 10 minutes practice a day can make a huge difference!

School Challenges

Mrs Smith and Mrs Allen have set a new art challenge, you have one more week to enter this. Mr Miles has also posted a new musical instrument challenge. Please go to the school website to find out more information.

<https://bridge.kent.sch.uk/school-life/coronavirus-covid-19/pupil-work>



Can you give a helping hand?

An old man, overwhelmed by other people's rubbish, urgently needs your help. After many years looking out of his window onto a large, miserable pile of other people's flotsam and jetsam, he has had enough!

Last night, the old man announced, 'Enough is enough! No more fly-tipping! If you have metal working skills and a big heart, please come along and help me construct a beautiful community garden.'

Wishing you all a wonderful week. Take care and keep safe,

The Year 6 Team

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