

Mindful Maths

I am a mathematician

We are lots of things. For example, I am a teacher, a dad, a budding guitarist and a practising footballer. I am also a mathematician: not because I have ever found maths really easy, but because I have practised and worked hard at learning all about maths, and have enjoyed teaching children to love maths.

For the mindful maths activity this week, I want you all to create an 'I am a mathematician' poster. See below for the example I made. I have provided another example and a blank example, or you could just create it on plain paper.

Have fun!

[My example.](#)

[Another teacher's example.](#)

[Blank template.](#)

\\EV-SRV-EPDC-FS1\EPS_Staff_HD\j.mathew\Downloads\Re sources for maths first two weeks\Mindful Maths\By the Numbers.pdf

Maths: Times Tables

1) Times table rock stars: 10 minutes a day on the battle that is set.

<https://trockstars.com/>

2) Times table practise: hit the button

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Complete ten minutes per day practising the multiplication tables that you find the most challenging.

Spellings week 3 and 4 (school and home)

Choose either **uploaded SPELLING LIST A or B** ON Class Dojo - depending on which you think is the most suitable for you.

Complete a **daily spelling activity** with your spellings to practice them e.g. write words into sentences, find other words with the same spelling patterns, make a word-search, create a crossword, spelling games etc.

Get someone to test you on your spelling list at the end of the week.

Mixed spelling patterns

Group A spellings

Group B spellings

Week 3	Week 3
discover	scent
mission	Illusion
loose	re-enter
sign	parachute
country	abundance
gymnastics	unavoidably
edible	dissolve
posture	ominous
sleigh	drawer
delicious	possession
Week 4	Week 4
disorder	prey
knock	previous
polishing	cousin
washable	passion
offering	facial
vision	light-weight
misplaced	nationality
brilliant	ceiling
distance	variation
thoughtless	ferociously

<p style="text-align: center;">Maths: Arithmetic Practise</p> <p>Visit this website every day and practise the areas you find the most challenging.</p> <p>https://www.topmarks.co.uk/maths-games/daily10</p> <p>You can adjust lots of variables on this website, choosing the area of maths to work on, and the amount of time you have to work on each question.</p> <p>You will need a pencil and paper to write down your answers, and then you can check them at the end of each session.</p>	<p><u>Handwriting</u></p> <ul style="list-style-type: none"> - Choose one page from your handwriting book to complete every day. - Write out the uploaded 'poem of the week' on Class Dojo in your neatest joined handwriting.
<p style="text-align: center;">Maths: Number of the day</p> <p>Visit the number of the day website. This changes the number every day and gives you good activities to complete. This will keep developing your sense of number.</p> <p>https://mathsstarters.net/numoftheday/</p>	<p><u>Writing</u></p> <p>Written outcomes: A: BBC bitesize daily lessons Choose from the different lessons below and complete short pieces of writing to show what you have learnt from the lesson:</p> <p>History – who was Henry VIII? https://www.bbc.co.uk/bitesize/articles/z4b8jhv</p> <p>History – who was Tutankhamun? https://www.bbc.co.uk/bitesize/articles/zr2tnrd</p> <p>Science – how plants reproduce https://www.bbc.co.uk/bitesize/articles/zrcpscw</p> <p>History – what did the Ancient Egyptians believe in? https://www.bbc.co.uk/bitesize/articles/zdq3gwx</p> <p>Geography – sustainability and plastics https://www.bbc.co.uk/bitesize/articles/z6dj7nb</p> <p>Geography – natural resources https://www.bbc.co.uk/bitesize/articles/z6p8jhv</p> <p>Computing – what makes a good computer game? https://www.bbc.co.uk/bitesize/articles/z6n7xyc</p> <p>SPAG Choose from these different SPAG lessons. Try to include some of the SPAG features that you learn about in the short pieces of writing above:</p> <p>KS3 – semi-colons: https://www.bbc.co.uk/bitesize/topics/zr6bxyc/articles/z6w6cqt</p> <p>KS3 – semi-colons in lists: https://www.bbc.co.uk/bitesize/topics/zr6bxyc/articles/zhntng8</p> <p>KS3 – apostrophes https://www.bbc.co.uk/bitesize/topics/zr6bxyc/articles/zd7w7p3</p>

	<p>KS3 – commas https://www.bbc.co.uk/bitesize/topics/zr6bxy/articles/zfmmtv4</p> <p>KS3 – linking ideas in sentences https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/zvh37nb</p>
<p style="text-align: center;">Maths: Investigation 1</p> <p>Magic Crosses: nrich</p> <p>Web Link https://nrich.maths.org/magiccrosses</p> <p>Worksheet Maths week 3 and 4\Investigations\Magic Crosses.docx</p> <p>This investigation challenges you to keep going and find solutions, even if you might not find them straightaway. Think what you could do to make sure you are trying a range of different approaches to find the solutions. There are also some good extension questions as part of this investigation that might help you explore this investigation further.</p>	<p><u>Reading activities</u></p> <ul style="list-style-type: none"> • Minimum 30 minutes of reading daily + comment in reading journals • Reading comprehension selected from those which have been uploaded: 60 second reads, longer comprehensions.
<p style="text-align: center;">Maths: Investigation 2</p> <p>Two primes make one square: nrich</p> <p>Web link https://nrich.maths.org/1150</p> <p>Worksheet Maths week 3 and 4\Investigations\Two Primes Make One Square.pdf</p> <p>Prime and square numbers are interesting ways of classifying numbers. Remember, square numbers are the product of a number multiplied by itself: e.g. $2 \times 2 = 4$ (4 is the square number). They also make a square if you draw an array.</p> <p>Prime numbers are numbers with only two factors: themselves and one. For example, 7 is a prime number because its only factors are 7 and 1. A factor is a number that divides equally into a number without leaving a remainder.</p> <p>In this investigation, you need to use prime numbers to make square numbers. See if you can work out the most efficient way to do this.</p>	<p><u>Extension writing activities</u></p> <p>Using the uploaded EXTENSION WRITING document on Class Dojo complete any of the following additional writing activities:</p> <ul style="list-style-type: none"> - Write a playscript - Write a poem - Write a story - Write up a scientific report from an investigation you have carried out (home only) - Write up a recipe for a dish you enjoy eating. - Write a news report - Write a non-chronological report about a subject of your choice. - Write about anything you want to! - Create a presentation all about the Isle of Wight - Write a ghost story - Write a poem

<p style="text-align: center;">Maths Investigation 3</p> <p>Tiling https://nrich.maths.org/6106 web link</p> <p>Word document Maths week 3 and 4\Investigations\Tiling investigation.docx</p> <p>This is an investigation that will make you think. Can you come up with a systematic way of recording these investigations. Can you also predict what might happen if you explore a 6x6 and a 7x7 square.</p>	<p><u>Extension reading activities</u></p> <p>Using the uploaded EXTENSION READING document on Class Dojo complete any of the following:</p> <ul style="list-style-type: none"> - Complete book review of a book you have recently read and enjoyed - Complete a comparison of two books you have read which have something in common e.g. the same author, the same setting, the same topic/subject, the same genre. Analyse their similarities and differences. - Create some artwork inspired by a book you have read
<p style="text-align: center;">Maths Investigation 4</p> <p>Four Integers</p> <p>This is a simple looking investigation but with a lot of hidden depths! Can you make any generalisations (general rules that always work) for how to achieve the highest (and lowest?) totals using four integers. Remember that an integer is a whole number.</p> <p>Four Integers Investigation.docx</p>	
<p style="text-align: center;">Maths and Art</p> <p>Curves of Pursuit. There are amazing links between maths and art. Have a look at this powerpoint. Then create your own design inspired by the ideas. You can follow the instructions provided on the powerpoint, use the sheets I have provided as a basis, or create your own example inspired by this. You could do your own research into this area of maths.</p> <p>Curves of Pursuit PowerPoint.</p> <p>Worksheets with shapes.</p>	<p style="text-align: center;">-</p>

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

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.welcome.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://trockstars.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/>