

Mindful Maths

Maths Magic!

Check out these maths magic tricks!

<https://nrich.maths.org/1051>

[Maths\Mindful Maths\Magic trick.pptx](#)

What can you find out about 'maths magic'. There are lots of videos and websites out there with exciting and interesting uses of 'maths magic'. You could:

- Make a powerpoint all about 'maths magic'
- Watch some videos about 'maths magic'
- Create your own 'maths magic' trick.

Maths and Art

Flexagons. Have a look into flexagons using these resources. Can you create your own using the template? Can you create your own without using the template? We look forward to seeing what you come up with!

[Maths\Art maths\1st Flexagon.pptx](#)

[Maths\Art maths\flexagon.pdf](#)

[Maths\Art maths\Making flexagons.ppt](#)

[Maths\Art maths\Nonahexaflexagon2!!.ppt](#)

Maths: Times Tables/Number of the Day

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>

Spellings week 5 and 6

Choose either spelling List A and List B

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 and upload your scores to Class Dojo. Make sure you practice any that you get wrong!

Mixed spelling patterns

WEEK 5	
List A	List B
colour	perimeter
treble	metric
mirror	conqueror
texture	castle
human	transparent
physical	vegetable
square	interesting
believe	symbol
attack	jewellery
independent	mechanism
WEEK 6	
List A	List B
ancient	accommodate
competition	opportunity
develop	environment
equipment	parliament
excellent	exaggerate
forty	pronunciation
occur	temperature
identity	sufficient
profession	bargain
shoulder	guarantee

SPAG

Some more KS3/Year 7 daily grammar lessons for you - your high school teachers are going to think you are grammar experts!!

Choose 2 grammar lessons per week from the 4 lessons below

N.B. Look out for Mr Jones' grammar support videos!

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

Maths: Number of the day

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.

<https://mathsstarters.net/numoftheday/>

Adjectives:

<https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/zj33rwx>

Nouns:

<https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/znddqhv>

Verbs:

<https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/z4ppfcw>

The Passive Voice:

<https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/zkttng8>

Maths: Arithmetic Practise

Follow the maths arithmetic daily slides on ClassDojo.

N.B. Look out for Mr Jones' Arithmetic videos!

Handwriting

- Choose one page from your handwriting book to complete every day.
- Use the uploaded poems on Class Dojo to practice your neatest joined writing.
 -  *The Tyger (week 5)*
 -  *Windy Nights (week 6)*

Maths: Investigation 1

N.B. Look out for Mr Jones' 'Getting Started' Maths investigation videos!

Symmetry Challenge: Nrich

Here is an investigation that starts off simple but the key is for you to work systematically to find all of the possibilities. Remember to use your Danny Determination skills as well to persevere and don't give up. When you think you have found all of the possibilities, try this using a four by four grid. Can you make a system explaining the best way to approach this problem with any size of grid?

Web Link

<https://nrich.maths.org/1886>

Word document

[Maths\Investigations\Symmetry challenge.docx](#)

Blank grids

[Maths\Investigations\Blank grids symmetry challenge.pdf](#)

Maths: Investigation 2

N.B. Look out for Mr Jones' 'Getting Started' Maths investigation videos!

National Flags Investigation

To keep the symmetry link, have a go at this investigation. Once you have had a go at the questions, you could find your own flags online to investigate.

Web Link

<https://nrich.maths.org/7749>

Word document link

[Maths\Investigations\Flag investigation.docx](#)

Topic/Writing

Choose 2 BBC year 7 bitesize lessons per week from the list below. Complete the activities that they ask you to at the bottom of each lesson and also look out for the Class Story daily message with an extra writing activity to go with these lessons!

Science: Year 7 Bones and the Skeleton:

<https://www.bbc.co.uk/bitesize/articles/zj774xs>

N.B. Look out for Mr Jones' Science writing support video!

Geography: Year 7 Tropical Storms:

<https://www.bbc.co.uk/bitesize/articles/z7dwg7h>

N.B. Look out for Mr Jones' Geography writing support video!

Geography: Year 7 Rock landscapes: the Lake District

<https://www.bbc.co.uk/bitesize/articles/zwdrn9q>

N.B. Look out for Mr Jones' Geography writing support video!

RE: Year 7 The Islamic Golden Age

<https://www.bbc.co.uk/bitesize/articles/zd7dbqt>

N.B. Look out for Mr Jones' RE writing support video!

Transition to High School activities

- Write a letter to your High School introducing yourself. A document will be uploaded to Class Dojo to help you with this.
- Write a review of Year 6 at Eaton Primary school. A document will be uploaded to Class Dojo to help you with this.
- Research your new High School by visiting their websites online. Try and complete some of the Transition activities which will be uploaded for you onto Class Dojo.

<p style="text-align: center;">Maths Investigation 3</p> <p style="text-align: center;"><i>N.B. Look out for Mr Jones' 'Getting Started' Maths investigation videos!</i></p> <p>Break it up!</p> <p>Here is another interesting investigation that will test your determination skills. I know you can't use cubes but you can represent the cubes using drawings and diagrams. I'm also interested to see how you are approaching this problem: it is important to think first before beginning: is there an organised and systematic way you could approach this?</p> <p>Web Link</p> <p>https://nrich.maths.org/2284</p> <p>Word Document</p> <p>Maths\Investigations\Break it up.docx</p>	<p><u>Reading activities</u></p> <ul style="list-style-type: none"> - Minimum 30 minutes of reading daily + comment in reading journal - 2 x 60 second reading comprehensions per week (will be uploaded to Class Dojo) <ul style="list-style-type: none">  UFO sightings  Unicorn Valley  Who Dunit (poem verse 1)  Viking Times newspaper report <p style="text-align: center;"><i>N.B. Look out for Mr Jones' 60 second reading skills videos!</i></p> <p><u>Extension reading activities</u></p> <ul style="list-style-type: none"> - Complete this Year 7 Shakespeare lesson from BBC Bitesize https://www.bbc.co.uk/bitesize/articles/zp49ydm - Longer reading comprehensions selected from those which will be uploaded onto Class Dojo.
<p style="text-align: center;">Maths Investigation 4</p> <p style="text-align: center;"><i>N.B. Look out for Mr Jones' 'Getting Started' Maths investigation videos!</i></p> <p>Give me four clues!</p> <p>Right, now for a number investigation! Have a go finding the number using the clues provided and then come up with your example of a 'Give me four clues' find the number challenge.</p> <p>Web Link</p> <p>https://nrich.maths.org/12149</p> <p>Word document</p> <p>Maths\Investigations\Give me four clues.docx</p>	
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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.wellcome.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/>