Remote Learning resources for Maths Learn @

Teaching Maths through a pandemic

https://www.ncetm.org.uk/in-the-classroom/teaching-maths-through-the-pandemic/

Resources include:

- Support DFE guidance
- Primary video lessons and power points
- Secondary support and lessons

All year groups

These websites are useful for free Virtual Manipulatives:
Toytheater
Didax (more primary)
Mathsbot (more secondary)

Mathantics (share by Johanna from Soundwell)

A bank of videos with excellent graphics to function as introductions to some units of work. It is quite cheesy and made in America but those pupils who are not meeting age related expectation seem to enjoy it.

https://mathantics.com/ (if this website does not work)

https://www.youtube.com/results?search_query=mathantics (You can get all the videos on youtube but not worksheets)

New Gordons ITP
– to use in classrooms, pupils can use at home on ICT equipment and/or online sessions. See attached.

Teaching Mastery Resources - NCETM website

https://www.ncetm.org.uk/teaching-for-mastery/mastery-materials/

Primary resources

Early Years NCETM - number blocks and premade resources and videos.

https://www.ncetm.org.uk/in-the-classroom/early-years/

Fundamentals can be use to incorporate rhyme and music to improve pupil's fluency and memory for number facts. They can be used as starter to sessions but should be used as often as possible. The resources cover Foundation phase to year 6. (see attached in email)

Adaptions:

Using instruments in session
Change the words - this can be done especially with older pupils
Use for a break from writing.
Use of manipulatives on a screen or physically so pupils can see and hear the math.

Desmos is an online interactive free online tool for teacher to use with students. It records progress of pupils in the lessons, you can do quizzes with pupils, draw graphs and much more. Teachers can use pre – made lessons or create your own lessons. It is an American programme but the maths is the same.

Click on the link to get to the website: https://www.desmos.com/

For example:
https://teacher.desmos.com/activitybuilder/custom/5ab8fdcd487e220a75e7012a?collections=5d0a8f2573c4eb0e5cb25373

If you would like training on how to use it let Robyn know. It only takes 20 mins to learn.

Corbett Maths Primary

https://corbettmathsprimary.com/content/

Secondary

Desmos is an online interactive free online tool for teacher to use with students. It records progress of pupils in the lessons, you can do quizzes with pupils, draw graphs and much more. Teachers can use pre – made lessons or create your own lessons. It is an American programme but the maths is the same. It has tools for all areas of GCSE and functional skills.

Click on the link to get to the website: https://www.desmos.com/

For example : https://teacher.desmos.com/

If you would like training on how to use it let Robyn know. It only takes 20 mins to learn.

Mathematics education innovation

https://mei.org.uk/desmos

Corbett maths Secondary

https://corbettmaths.com/

Cross curricular ideas
Paper Aeroplanes

Science and Art/DT

Making different paper aeroplanes and measuring the one that does the furthest, use of geometry, most robust, best design.

Try releasing the from different heights and see if that makes a difference.

https://www.youtube.com/watch?v=SpYS5WtvNvQ

https://www.youtube.com/watch?v=faR8b9DTZ1A

English

Describe what you have made and how you have made it?

Which aeroplane is the best and why?

(these questions are not exhaustive)

This session can be done online and in the classroom.

Making a fidget spinner

Resources needed:

https://www.youtube.com/watch?v=CPV_5IjFu5o

Twinkl has a template as well with some useful questions – see attached. There are links to English, enterprise, maths, DT/art and science.

Maths links – division, time/speed/rotations/angles/geometry/measure/statistics.

I have done this as a maths project before and has worked really well.

Depending on what resources you use, you can set this for online learning and in the classroom.