

#mathscpdchat 12 May 2020

What maths tasks are your Key Stage 1 and 2 pupils doing at home?

Hosted by [Martyn Yeo](#)

This is a brief summary of the discussion – to see all the tweets, follow the hashtag #mathscpdchat in Twitter



The graphic features a dark blue background with a large white hashtag #mathscpdchat at the top. Below it, the text 'TONIGHT - Tuesday, 12 May, 7-8 pm' is displayed. A central white box contains a video thumbnail showing a man pointing at a table with two glasses of water, one taller and narrower, the other shorter and wider. Above the video is the text 'Lower Key Stage 2 Fractions 2 Lesson 10' and below it is 'Lesson 10 Understand that equal parts can look different - volume and area contexts'. At the bottom of the graphic, the text reads 'What maths tasks are your Key Stage 1 and 2 pupils doing at home?' followed by 'Hosted by Martyn Yeo @martynyeouk' and the website 'ncetm.org.uk/mathscpdchat'. A small version of the logo is in the bottom right corner.

Some of the areas where discussion focused were:

- that some children and parents are visiting websites in the hope of finding free maths challenges and 'fun maths games' **to supplement what their schools are providing ... that challenges that children can 'try with their family members'**

and that require little equipment or recording (writing/drawing) are popular ...

material is popular when it is easy to use and fun to engage in;

- that many children can't work without **parental support** ... material for parents that **helps the parents understand how children learn maths** enables them more effectively to support their own child's learning ... that parents benefit from seeing **how to use effectively simple manipulatives and a variety of simple representations** (such as drawings of rectangles on square-grid paper);
- providing tasks/games/puzzles in which **children use things normally found in a home** ... such as eggboxes, broomsticks, dried spaghetti, string, elastic, wrapped sweets, ...;
- sources of worksheets, question generators and quizzes;
- videos made by teachers in which their own **children are seen engaging (engrossed) in mathematical activity**, including mathematical 'play';
- that in some maths-learning-videos **mathematical ideas and procedures are 'explained' by children** ... that children enjoy seeing other children 'explaining';
- that some teachers believe that any **learning (of young children) that is 'lost' owing to the school closures will be 'regained' within two years** once schools have reopened;
- that some **short video sequences** that 'grab children's attention' can usefully generate learning.

In what follows, click on any screenshot-of-a-tweet to go to that actual tweet on Twitter.

This is a part of a conversation about pupils working alone from 'online lessons', teachers finding that using online lessons with their own children contributes to their professional development, that many pupils need parental support in order to learn maths at home, and some ideas for 'objects found in homes' that make helpful manipulatives! The conversation was generated by this tweet from [Martyn Yeo](#):



Martyn @martynyeouk · 18h

Q1 So what tasks are we doing with our primary pupils to help support them at home?

[#mathscpdchat](#)

and included these from [Lou H-S FCCT](#), [Gaynor Bahan](#) and [Philippa Densley](#):



Lou H-S FCCT @LouiseHStaples · May 12

My (mastery readiness SEN) schools have been using the @ncetm videos with @mrs_tullock, @jenshearman and @GaynorBahan's children to support their own development. This has encouraged them to recommend the normal videos to their parents #mathscpdchat



Gaynor Bahan @GaynorBahan · 19h

Replying to @LouiseHStaples @NCETM and 2 others

Engrossed!



Philippa Densley @PDensley123 · May 12

Using the online NCETM lessons in year 3 and mathshed ppts delivered by teachers either live or narrated #mathscpdchat

these from [Rebecca Hanson](#), [Martyn Yeo](#), and [Lucy](#):



Rebecca Hanson @AuthenticMaths · 17h

Replying to @martynyeouk @NCETM and @mathscpdchat

Some children can work on their own but many can't. So the parents need support. So I'm creating these videos for them which explain how children learn maths well. #mathscpdchat.



Martyn @martynyeouk · 19h

I saw you talking about these videos on the @NCETM chat board - what are you trying to achieve with them?

#mathscpdchat



Rebecca Hanson @AuthenticMaths · May 12

Replying to @martynyeouk @NCETM and @mathscpdchat

They're are resource for parents to help them improve their understanding of maths ed so they know how to help their child. I was previously freesharing the CPD I've been running for teachers but swapped at lockdown. #mathscpdchat.



Lucy @lcp_lucy · May 12

Replying to @AuthenticMaths @martynyeouk and 2 others

Completely agree. We take a similar approach @maths_parents and feel that ensuring parents are confident to support is vital. If you need support, for our prog we have child-led vids for EYFS-Yr6 to up-skill parents/children. Happy to show you examples on our site if helpful!

and these from [Lucy](#), [Maths 4 Kids](#) and [Mary Pardoe](#):



Lucy @lcp_lucy · 19h

Replying to @martynyeouk @AuthenticMaths and 4 others

Something else we often discuss @Maths_Parents is also what else we think families could use to replace manipulatives at home - any ideas?! (spaghetti can be a good one!) #mathscpdchat



Maths 4 Kids @Maths4Kids · 19h

We're currently doing some videos on things parents can use at home. We're doing a few on ideas with an egg box 😊



Mary Pardoe @PardoeMary · May 12

This might get pupils interested, and thinking about patterns?
[twitter.com/BuzzFeed/statu...](https://twitter.com/BuzzFeed/status...) #mathscpdchat



(to read the discussion-sequence generated by any tweet look at the 'replies' to that tweet)

Among the links shared were:

[Video lessons for primary age children](#) which are short videos from the NCETM that are intended to provide primary school pupils with interactive lessons while they are at home. It was shared by [Mary Pardoe](#)

[Maths Home Learning Activities](#) which is part of the *Learn Together Cambridgeshire* website. It contains links to a wide range of free activities and resources to support maths learning at home. There is also a *Maths At Home Guide* for parents and carers. It was shared by [Tim Oakley](#)

[Maths with Parents](#) which contains advice and a wide range of materials, all of which is free for schools and parents until the end of this academic year. It was shared by [Philippa Densley](#)

[Mr Yeo's Maths Mastery](#) which is [Martyn Yeo](#)'s YouTube channel. It is a collection of useful videos for maths teaching and learning. It was shared by [Martyn Yeo](#)

[Rebecca The Maths Lady](#) which is [Rebecca Hanson](#)'s YouTube channel. The link takes you to a short video in which Rebecca introduces the *RebeccaTheMathsLady* YouTube channel to parents. It was shared by [Rebecca Hanson](#)

[Multiplying Fractions](#) which is one of [Rebecca Hanson](#)'s most popular videos for parents. She shows aspects of the effective teaching of multiplication of fractions to children aged 10/11 so that the children understand what's going on, and can deeply connect this topic to many other primary maths topics including all other work on multiplication and fractions. It was shared by [Rebecca Hanson](#)

[I See Maths](#) which is [Gareth Metcalfe](#)'s YouTube channel containing many videos that may be useful for enhancing pupils' maths learning at home, and for teachers and parents. It was shared by [Rebecca Hanson](#)

[Mrs Winfield's times-tables on a broomstick](#) which is a video from the NCETM in which primary teacher Nicol Winfield shows how parents can use a broomstick to help children practise their times-tables. It was shared by [Mary Pardoe](#)

[Mathematical play with young children](#) which is an interesting blog by [Peter Rowlett](#) in which he describes what he is learning and observing about how young children learn mathematics through play. It was shared by [Mary Pardoe](#)

[Lampogo3: fun, fast-paced number puzzles](#) which are puzzles in which players can race each other, work together to solve the puzzles, or play on their own. It was shared by [Lightning Maths](#)

[Concrete resources explained for parents](#) which is a blog by Emma Johnson in which she explains to parents why and how to use 'concrete resources' to support their children's maths learning at home. It was shared by [Maths 4 Kids](#)

[Egg carton multiplication games - practising times tables](#) which is a *Maths 4 Kids* video showing 'a variety of activities children can do with an eggbox to practise their times tables'. It was shared by [Maths 4 Kids](#)

[Short division](#) which is a *Maths 4 Kids* video showing 'how concrete resources can be used to help children make sense of short division', and it is presented by a child. It was shared by [Maths 4 Kids](#)