#36 – TOP 10 nástrojů pro online výuku matematiky

Jitka Rambousková

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Učíme online

Projekt Česko.Digital,
komunity expertních dobrovolníků

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500 škol

Technologická pomoc

1030 zařízení

Sbírka počítačů

35 webinářů

Učíme nanečisto

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Dotazy pokládejte na:

Google Meet chat

Sli.do #UN36

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- velmi subjektivní výběr
- jen inspirace

procvičování
modelování
nástroje pro práci se třídou
pomůcky pro učitele
zajímavé stránky

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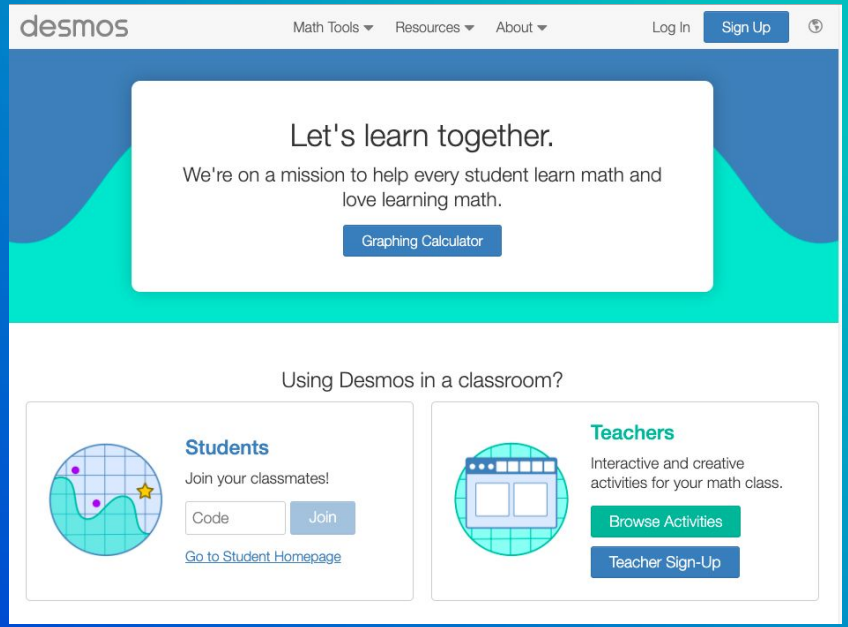
Desmos

https://www.desmos.com/



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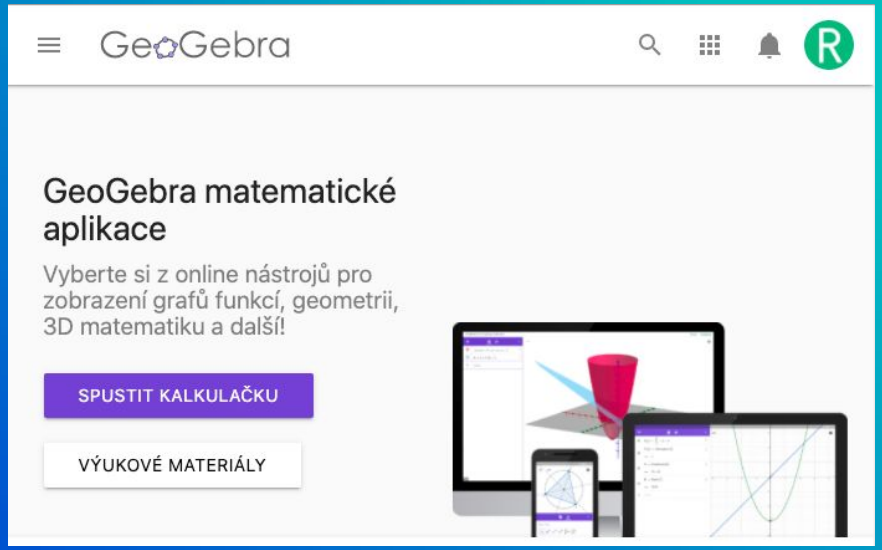
GeoGebra

https://www.geogebra.org/



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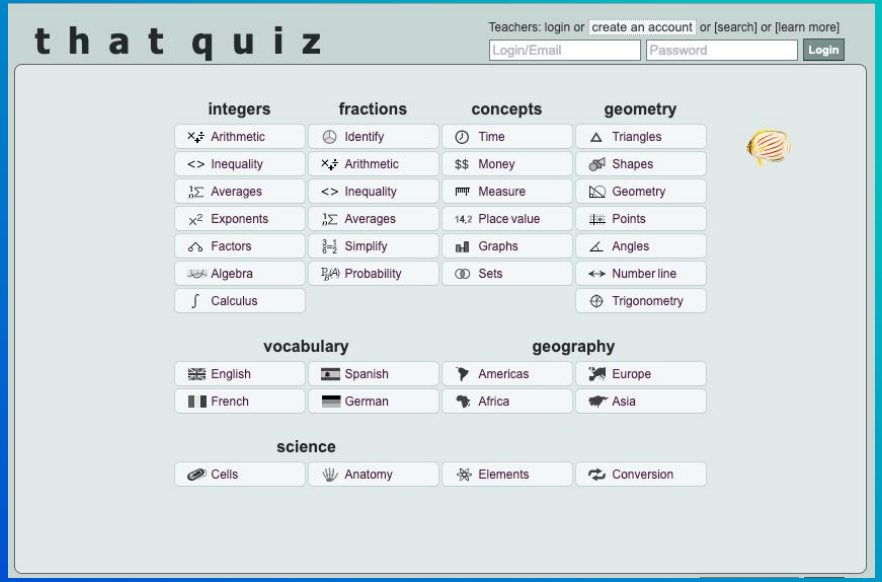
ThatQuiz

https://www.thatquiz.org/



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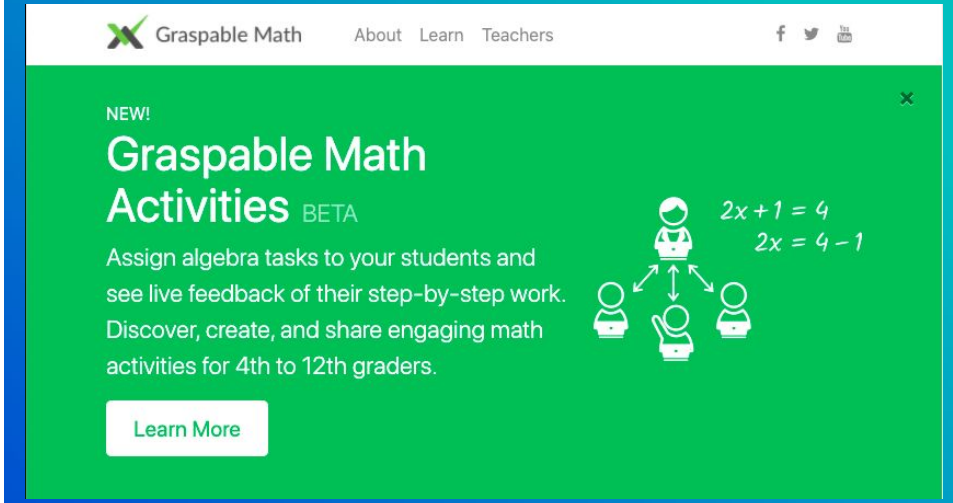
GraspableMath

https://graspablemath.com/



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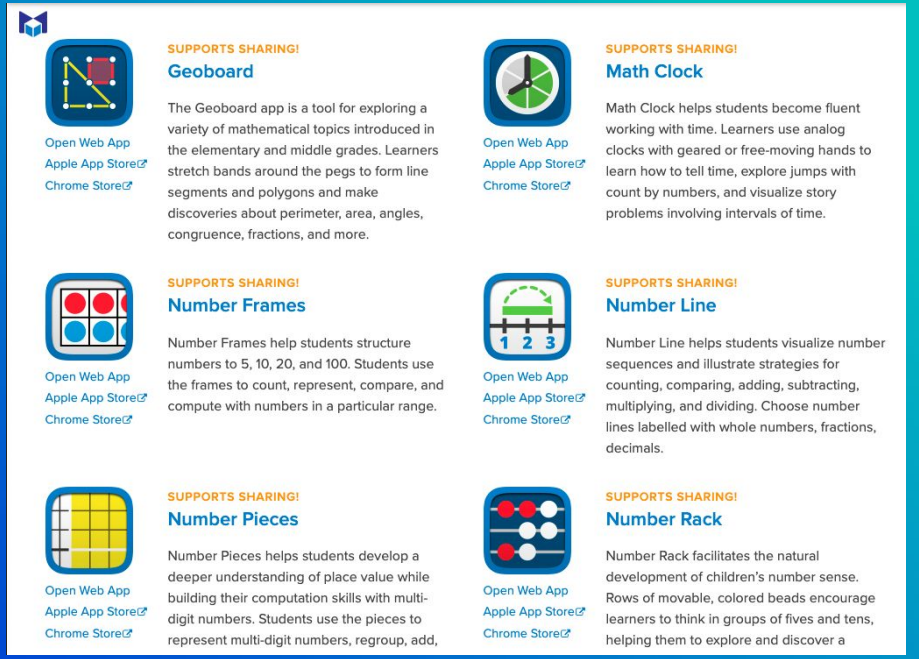
MathLearning Center

https://www.mathlearningcenter.org/



SUPPORTS SHARING!

Geoboard

The Geoboard app is a tool for exploring a variety of mathematical topics introduced in the elementary and middle grades. Learners stretch bands around the pegs to form line segments and polygons and make discoveries about perimeter, area, angles, congruence, fractions, and more.

Open Web App
Apple App Store
Chrome Store

SUPPORTS SHARING!

Math Clock

Math Clock helps students become fluent working with time. Learners use analog clocks with geared or free-moving hands to learn how to tell time, explore jumps with count by numbers, and visualize story problems involving intervals of time.

Open Web App
Apple App Store
Chrome Store

SUPPORTS SHARING!

Number Frames

Number Frames help students structure numbers to 5, 10, 20, and 100. Students use the frames to count, represent, compare, and compute with numbers in a particular range.

Open Web App
Apple App Store
Chrome Store

SUPPORTS SHARING!

Number Line

Number Line helps students visualize number sequences and illustrate strategies for counting, comparing, adding, subtracting, multiplying, and dividing. Choose number lines labelled with whole numbers, fractions, decimals.

Open Web App
Apple App Store
Chrome Store

SUPPORTS SHARING!

Number Pieces

Number Pieces helps students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students use the pieces to represent multi-digit numbers, regroup, add,

Open Web App
Apple App Store
Chrome Store

SUPPORTS SHARING!

Number Rack

Number Rack facilitates the natural development of children's number sense. Rows of movable, colored beads encourage learners to think in groups of fives and tens, helping them to explore and discover a

Open Web App
Apple App Store
Chrome Store

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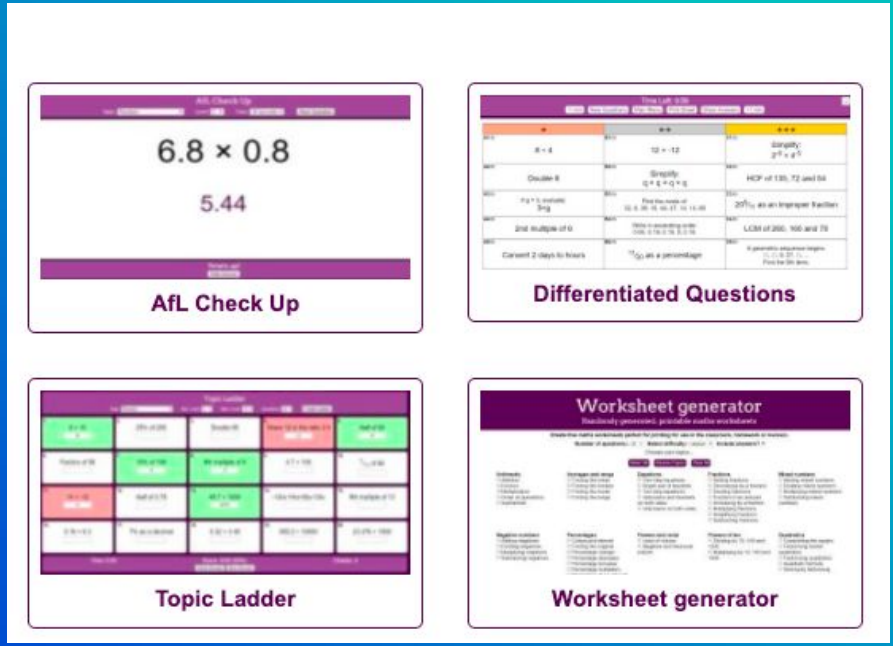
MathsBot

https://mathsbot.com/



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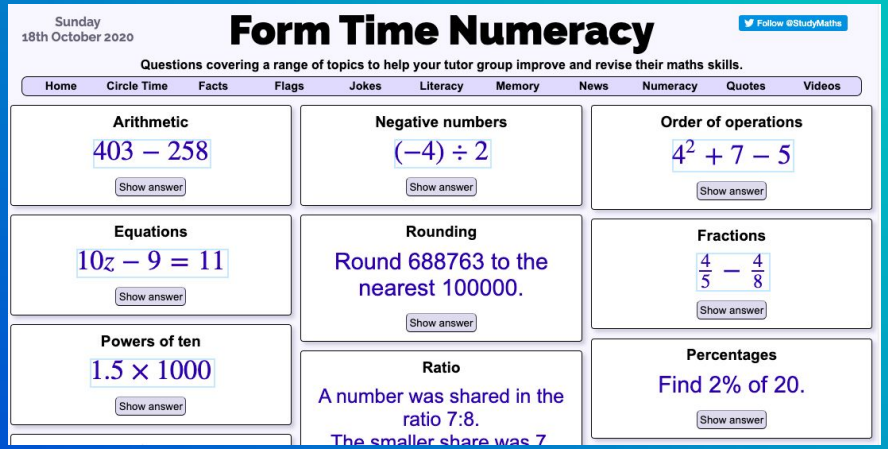
Form Time Numeracy

https://formtimeideas.com/numeracy



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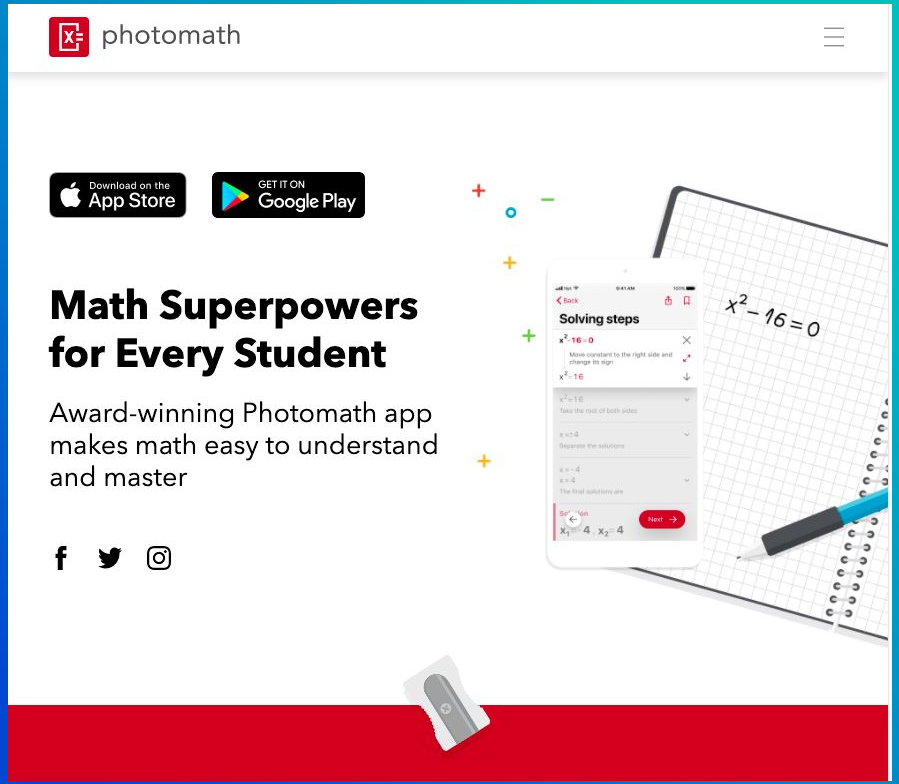
PhotoMath

https://photomath.app/en/



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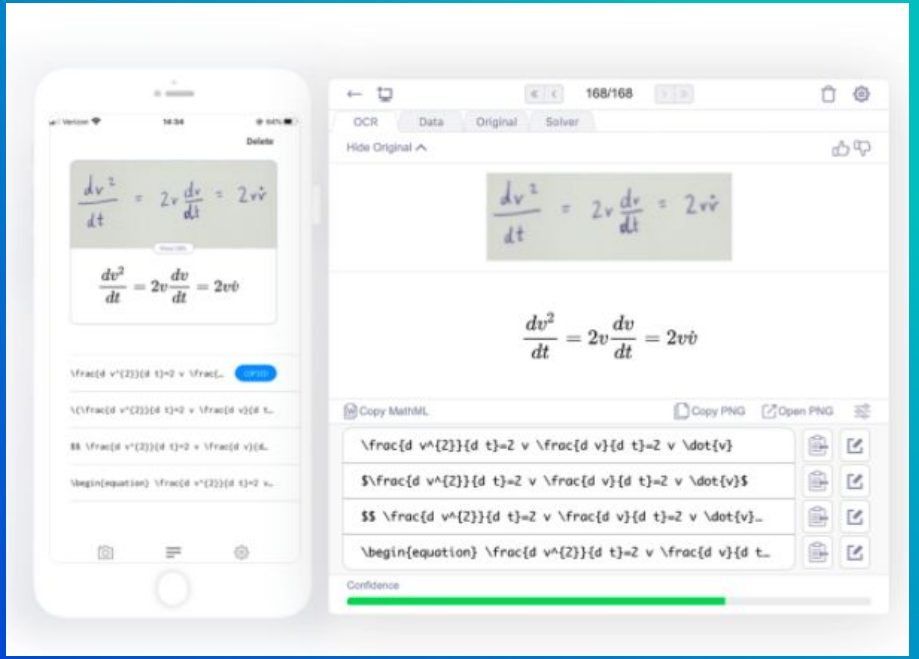
MathPix Snip

https://mathpix.com/



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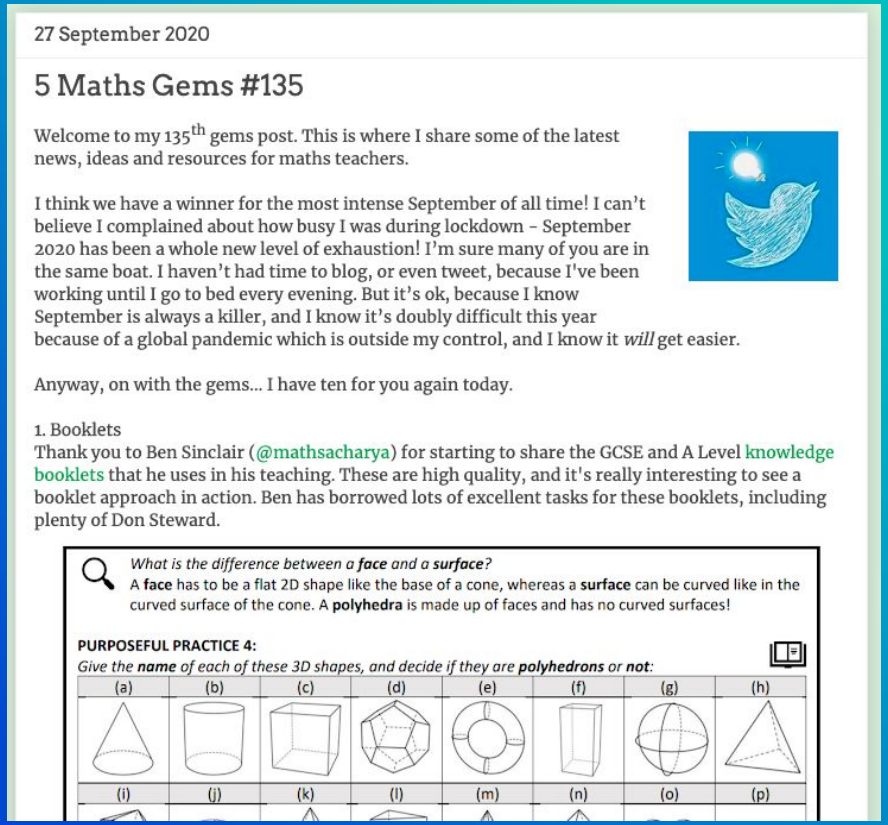
Resourceholic

https://www.resourceaholic.com/



27 September 2020

5 Maths Gems #135

Welcome to my 135th gems post. This is where I share some of the latest news, ideas and resources for maths teachers.

I think we have a winner for the most intense September of all time! I can't believe I complained about how busy I was during lockdown - September 2020 has been a whole new level of exhaustion! I'm sure many of you are in the same boat. I haven't had time to blog, or even tweet, because I've been working until I go to bed every evening. But it's ok, because I know September is always a killer, and I know it's doubly difficult this year because of a global pandemic which is outside my control, and I know it *will* get easier.

Anyway, on with the gems... I have ten for you again today.

1. Booklets
Thank you to Ben Sinclair (@mathsacharya) for starting to share the GCSE and A Level knowledge booklets that he uses in his teaching. These are high quality, and it's really interesting to see a booklet approach in action. Ben has borrowed lots of excellent tasks for these booklets, including plenty of Don Steward.

*What is the difference between a **face** and a **surface**?*
A **face** has to be a flat 2D shape like the base of a cone, whereas a **surface** can be curved like in the curved surface of the cone. A **polyhedra** is made up of faces and has no curved surfaces!

PURPOSEFUL PRACTICE 4:
*Give the **name** of each of these 3D shapes, and decide if they are **polyhedrons** or **not**:*

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)

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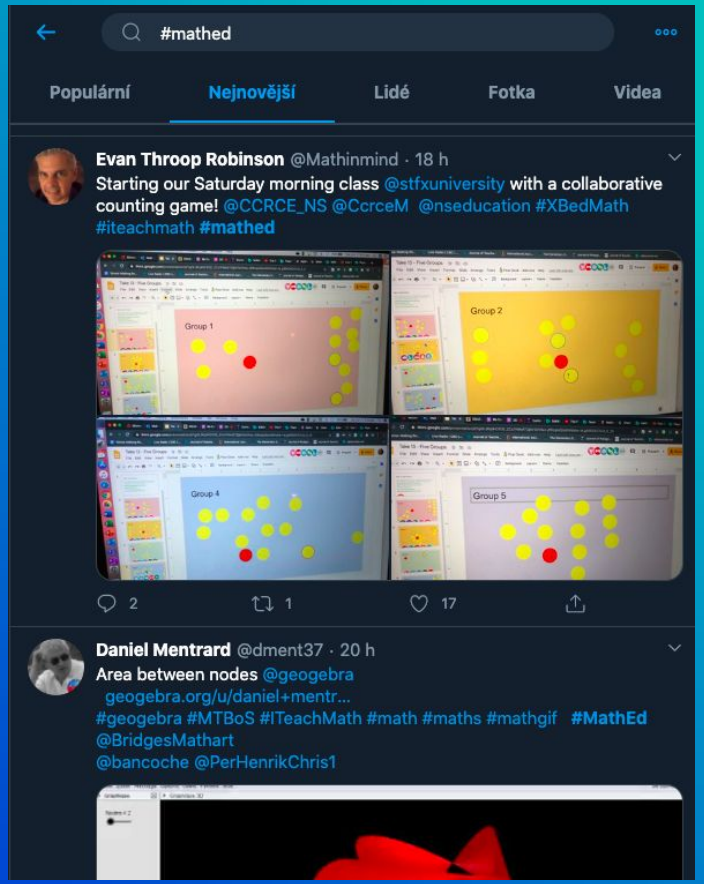
za 11.

Twitter

https://twitter.com/



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Díky za pozornost!

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Zveme Vás na další webináře

ČT 29.10. ve 20:00 Jak technologie může šetřit čas a energii (nejen) v online výuce

SO 31.10. ve 20:00 Jak vyučovat dějepis distančně?

ST 4.11. v 18:00 TOP aplikace a nástroje pro online výuku napříč předměty

Další termíny na **ucimeonline.cz**.

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