

SD38 Recommended Online Instructional Resources

K-12 Mathematics and Numeracy

Routines and Tasks that Nurture Mathematical Thinking & Learning

Which One Doesn't Belong? (WODB)

<http://wodb.ca>

Number Talk Images

<http://ntimages.weebly.com>

Splat

<http://www.stevewyborne.com/?p=893>

Fraction Talks

<http://fractiontalks.com>

Notice and Wonder

<https://www.nctm.org/Classroom-Resources/Problems-of-the-Week/-Notice-I-Wonder/>

Estimation 180

<http://www.estimated180.com>

Clothesline Math

<https://clotheslinemath.com>

Numberless Word Problems

<https://bstockus.wordpress.com/numberless-word-problems/>

Visual Patterns

<http://www.visualpatterns.org>

Same but Different

<https://www.samebutdifferentmath.com>

Math Talks

<http://www.mathtalks.net>

(includes number and pattern talks)

Always, Sometimes, Never

<http://asmath.blogspot.com>

Would You Rather Math

<https://www.wouldyourathermath.com>

Solve Me Mobiles

<https://solveme.edc.org/mobiles/>

why mathematical routines?

- regular practice that has multiple entry points, open-ended and personalized
- helps to build a mathematical community in the classroom
- collaborative
- encourages mathematical discourse
- responsive and inclusive
- focus on a pedagogy of noticing and listening
- focus on number sense
- many can be used across mathematical curricular content strands
- focus on curricular competencies

WHICH ONE DOESN'T BELONG?



#WODB

wodb.ca

RICHMOND
SCHOOL DISTRICT NO. 38

Problems and Tasks:

BCAMT Weekly Math Tasks

<http://www.bcamt.ca/weeklymathtasks/>

<http://www.bcamt.ca/category/weekly-primary-tasks/> (primary)

NCTM Math Forum Problems of the Week

<http://www.nctm.org/Classroom-Resources/CRCC/Math-Forum-Problems-of-the-Week-Resources/>

Numeracy Tasks (Peter Liljedahl - SFU)

<http://www.peterliljedahl.com/teachers>

Centre for Education in Mathematics and Computing (University of Waterloo, Ontario)

<https://cemc.uwaterloo.ca/resources/cemc-at-home.php>

Marian Small

<http://www.onetwoinfinity.ca>

(Good Question of the Week and tasks are also in presentation files)

Fawn Nguyen for the Rio School District (K-8 Remote Learning Math Plans)

<https://docs.google.com/document/d/1PjtShbKJh5lesjUkTrMr51oH4MNux9PurnnUHATeWYo/edit>

Inquiry Maths (from the UK)

<http://www.inquirymaths.com>

NRICH – rich math tasks (UK)

<https://nrich.maths.org>

desmos classroom activities

<https://teacher.desmos.com>

Open Middle Tasks (Robert Kaplinsky)

<https://www.openmiddle.com>

Math for Love – (Dan Finkel)

<https://mathforlove.com>

Three Act Tasks

<https://gfletchy.com/3-act-lessons/>

Youcubed – Jo Boaler’s weeks of inspirational math

<https://www.youcubed.org/week-inspirational-math/>