

Math Ideas for Middle School and High School:

[Would you rather math questions.](#)

[Cube conversations](#)

<https://stevevyborney.com/2017/03/the-fraction-splat-series/>

<https://stevevyborney.com/2017/02/3-powerful-tile-strategies-and-40-new-downloadable-pages/>
watch video

<http://linkis.com/wordpress.com/m77Lb> read about embracing the struggle, after looking at tiled area

[Between 2 numbers](#)

<http://www.estimation180.com/>

<http://www.mathalicious.com/lessons> \$320 per year, but good ideas there even if you don't pay, try pizza pi

<http://www.visualpatterns.org/>

<https://www.dropbox.com/s/naxvyaadaw71fq4/Fraction%20Wars%202018%20CDawson.pdf?dl=0>

Make it interesting. Paired worksheets.

<https://corwin-connect.com/2019/02/bored-math-students-get-practice-off-the-page/>

<https://mathvisuals.wordpress.com/> Math flips cards. How does the answer from A help you find B?

Open middle: All grade levels, some of these are really difficult

<https://www.openmiddle.com/graphing-points-on-a-coordinate-plane/>

<https://www.openmiddle.com/category/high-school-algebra/creating-equations/>

<https://www.openmiddle.com/>

<https://playwithyourmath.com/>

<https://samedifferentimages.wordpress.com/>

<https://iamamathnerd.wordpress.com/2014/01/04/countingcircles/> Counting circles

3 act math A **Three-Act** Task is a whole-group mathematics task consisting of **three** distinct parts: an engaging and perplexing **Act One**, an information and solution seeking **Act Two**, and a solution discussion and solution revealing **Act Three**.

<http://mrvaudrey.com/2018/04/21/3act-math-for-kinder/>

100x100 burger <http://robertkaplinsky.com/work/in-n-out-100-x-100>

<http://www.graphingstories.com> Watch the video and then graph it.

[DESMOS](#)

[PhET simulations](#)

Inequalities worksheet- doctors and nurses

http://www.beaconlearningcenter.com/documents/5353_4648.pdf

<https://illuminations.nctm.org/>