

Remote Learning Enrichment Resources for Mathematics

The following links have been identified or created by the Sacramento County Office of Education (SCOE) Curriculum & Instruction Department as resources that may be helpful for distance learning. Resources are for informational purposes, and their inclusion on this list is neither an endorsement nor a recommendation by SCOE. Schools and districts should review resources and determine appropriateness for their students.

Resources for Other Subjects: <https://www.scoe.net/covid19/resources/>

Also Explore Resources for Science:

<https://scoe.net/media/kvsh4r4k/science.pdf>

Audience	Grades	Description	Link
Families, caregivers	Pre-K–12	Khan Academy. A library of lesson plans and lesson activities for multiple subject areas including math, science and engineering, arts and humanities, economic, grammar, computing, and English Language Arts.	https://www.khanacademy.org/
Families, caregivers	K–8	Youcubed at home provides a set of activities from their youcubed.org site with modifications to work better in a home setting. These activities can be supported with common household items, creating a hands on math experience. Videos are included.	https://mailchi.mp/youcubed/welcome-to-youcubedathome
Families, caregivers and students	K–8	Wonderopolis provides students and families with multi-disciplinary content the purposefully aligns with Common Core State Standards, the STEM Educational Quality Framework, and Bloom’s Digital Taxonomy. These videos, articles and activities jumpstart students’ critical thinking by engaging their personal interests.	https://wonderopolis.org/
Teachers, Families	K–6	Steve Wyborney’s Website provides several learning opportunities utilizing high cognitive demand that supports Number Sense. These engaging activities include Esti-mysteries, SPLAT and much more.	http://www.stevewyborney.com/

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Teachers	6–8	Illustrative Mathematics provides curriculum for grades 6-8 including digital and printed material. The second link listed is a shared google spreadsheet of resources teachers have built to support the curriculum using multiple formats.	https://access.openupresources.org/curricula/our6-8math https://docs.google.com/spreadsheets/d/1RGhABzV2iia1yh-w4IEYcmD6xYnCWGeV7bla79cHFIU/htmlview
Students	6–10	Solve Me Mobiles is an interactive website that allows mathematicians to practice algebra skills in a highly engaging digital setting.	https://solveme.edc.org/Mobiles.html
Teachers	K–8	Fawn Nguyen , a math TOSA and creator of visualpatterns.org is currently curating several weeks of lessons to support remote learning with high interest, high depth of knowledge tasks and activities.	https://docs.google.com/document/d/1mkFhrrzlyLJeXKkD_L9g--RNI9hWUra_UeFmdd3dvwQ/mobilebasic#
Teachers, Students	K–12	The NRICH Project aims to enrich the mathematical experiences of all learners. To support this aim, members of the NRICH team work in a wide range of capacities, including providing professional development for teachers wishing to embed rich mathematical tasks into everyday classroom practice.	https://nrich.maths.org/
Teachers	K–12	Closetline Math provides a manipulatable number line that makes the facilitation of student discourse on number sense much more efficient and effective.	https://clotheslinemath.com/
Teachers	K–12	Open Middle Problems provide opportunities for students to explore low floor, high ceiling tasks using expressions and number tiles.	https://openmiddle.com
Teachers, families, students	K–8	Estimation 180 provides hundreds of images and videos to build number sense through estimation.	http://www.estimated180.com/

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Teachers, families	K-8	3 Act Tasks by Graham Fletcher provides opportunities for students to notice and wonder about images and videos, ask questions and develop strategies to solve those questions.	https://gfletchy.com/3-act-lessons/
Teachers, families, students	K-8	Math is Visual assists in building a better conceptual understanding of mathematics through the use of visuals. The images, videos and resources shared here are intended to help all teachers, parents and students understand that Math Is Visual and we should take every opportunity to teach it that way.	http://mathisvisual.com/
Families, Teachers, Students	K-8	Wild Maths provides rich and open-ended resources, designed to encourage exploration and discovery. It is packed with games, challenges and investigations for students to explore.	https://wild.maths.org/
Families, Teachers, Students	K-8	Would You Rather math provides grade level clusters of engaging problems that encourage students to develop thoughtful conjectures to prove that their choice is best.	http://www.wouldyourathermath.com/