Digital Resources for Math
5th Grade

Resources for Teacher Planning	
TCOE Common Core Standards bookmarkers: Breaks down standards, has vocabulary needed, examples, Illustrated Math task links, question prompts, spanish cognates, objectives, all at a quick glance.	5th Grade 4th Grade
California Department of Education Math Framework -Grade Level Chapter	4th Grade 5th Grade
Achieve the Core guidance document	
San Francisco Grade 5 Math	SF Math Portal
Think Central-Go Math	ThinkCentral
CGI Resources	Resources from the Cognitively Guided Instruction website.
Math Continuum	Know what students are expected in the next grade so you can build them up to it.
Distance Learning Resources	These were developed by Tulare County Office of Education
Howard County School Resources	Resources for home learning from Howard County Schools.
General Digital Presentation Tools	**Teacher support in using tools**
https://whiteboard.fi/ Digital whiteboards for student and teacher. Answers for all students appear in real time on teacher's screen	At website
Jamboard (Google app)	
Flipgrid Shorts www.flipgrid.com	Teacher creates a video using the "shorts" and sends link or QR code through Google Classroom *Great platform to add teaching videos
Peardeck www.peardeck.com	Trainings offered through Peardeck online through videos or maybe contact

	an expert to do a Zoom training. Pear Deck now allows teachers to comment on student slides to provide feedback (live or student paced)
Learning/Teaching Resources	
Math learning center apps https://www.mathlearningcenter.org/resources/apps	Math Learning Center Apps video Number Line App Tutorial
Virtual manipulatives app Fraction, Decimal & Percent Tiles • ABCya!	Virtual Manipulatives app video
Illustrative Math	Math Tasks
CCSS Math Activities CORE Assessments Modules	Smarter Balanced type problems and performance tasks
Problem Solving Routines	Greg Tang Math 3 Act Tasks Numberless Word Problems Numberless word problems 3rd grade video You Cubed Week of Inspirational Math Core Math Performance Assessment Modules Cognitively Guided Instruction sites dusd.net cgimath-tlc.org Teaching answer statements
Number Sense Routines	Steve Wyborney 20 days of Number Sense Routines Choral Counting (count around the room) Clothesline Math Stadel's resources Andrew Stadel's intro and videos Splat! Number Talk Visuals Number Talks Number Strings Number talk cheat sheet

Student Practice Platforms	
Khan Academy www.khanacademy.org	Many videos available via YouTube *Can assign specific videos and quizzes for specific math lessons
Math Playground www.mathplayground.com	Incorporate various practice in the pacing calendar
Conceptual Math - Digital Math Tool LIbrary https://teach.conceptuamath.com/app/tool-library	
ASSESSMENT Tools	
Google Forms	
Edulastic	• Can develop standards based assessments
GoFormative www.goformative.com	
Socrative.com	Assign a quiz, exit ticket (MC, short answer, T/F) format
Flipgrid or Seesaw	Assign a problem/task and students demonstrate knowledge using video/whiteboard feature on Flipgrid or Seesaw
Kahoot and Quizizz	Create a formative assessment that could be individual or team based

For IPad	
Recording from your IPad. https://youtu.be/-ox6dwypRgw	You can use this with other manipulative tools to make tutorials and give visuals for the conceptual understanding. If you download all the manipulative apps it makes it a great

Whiteboard app https://apps.apple.com/us/app/showme-interactive-whiteboard/id445066279 Number frames app https://apps.apple.com/us/app/number-frames-by-mlc/id873198123 Base ten blocks https://apps.apple.com/us/app/number-pieces-by-mlc/id605433778 Money https://apps.apple.com/us/app/money-pieces-by-mlc/id1055394278 Number lines https://apps.apple.com/us/app/number-line-by-mlc/id751816884 Fraction tiles https://apps.apple.com/us/app/fractions-by-the-math-learning-center/id1114674604 Geoboards (Great for area and perimeter of polygons) https://apps.apple.com/us/app/geoboard-by-the-math-learning-center/id519896952	combo. If you have a document you want to work on simply screenshot it and insert it to your white board and you can write on it just like paper.

Content	Resources
Module 1- Part 1 **Back to School** • Establish routines for number sense and problem solving • Place Value **Review 4th grade decimals: priority standards possibly affected by closure** **Possible Assessment:** **4th grade Module 7 (Teacher Copy)** 7 days allocated, including first 2 days of school	Number Sense Routines Steve Wyborney 20 days of Number Sense Routines Choral Counting (count around the room) Games Fluency Games Tasks/Lessons: 3 Act Tasks Math Framework pages 4.NF Math Framework pages 5.NBT For teachers: Fluency assessments

5th grade Framework 5.NBT.3b, and 5.NBT.4	Illustrative Math: NBT 3 Tasks Illustrative Math: NBT 4 Tasks Illustrative Math: MD 1 Task
Module 1-Part 2 **Place Value** **5.NBT.1, 5.NBT.2**	NBT. Achieve the Core Coherence Map 5. MD.Achieve the Core Coherence Map Math Framework pages 5.NBT Math Framework pages 5.MD Illustrative Math: NBT 1 Tasks Illustrative Math: NBT 2 Tasks
Module 1- Part 3 **Adding and Subtracting Decimals**	NBT. Achieve the Core Coherence Map Math Framework pages 5.NBT Decimals Performance Task
Module 2- Part 1 **Order of Operations-Multiply Whole Numbers**	OA. Achieve the Core Coherence Map Math Framework pages 5.NBT Math Framework pages 5.OA Illustrative Math: NBT 5 Task Bowling for Numbers
Module 2- Part 2 **Multiply Decimals**	NBT. Achieve the Core Coherence Map Math Framework pages 5.NBT Math Framework pages 5.OA
Module 3-Part 1 **Dividing**	NBT. Achieve the Core Coherence Map Math Framework pages 5.NBT Illustrative Math: NBT 6 Task
Module 3- Part 2 **Dividing Decimals**	NBT. Achieve the Core Coherence Map Math Framework pages 5.NBT
Module 4	5.NF Achieve the Core Coherence Map

Adding and Subtracting Fractions	Math Framework pages 5.NF Math Framework pages 5.OA Fractions Performance Task Fractions: https://www.mathplayground.com/tb_fractions/index.html Toy Theater Fraction Strips https://toytheater.com/fraction-strips/ Games https://www.mathplayground.com/tb_fractions/index.html Illustrative Math: NF 1 and 2 Tasks
Multiplying Fractions Due to school closure students may need time to review and practice 4.NF.4, which is a 4th grade priority standard.	Toy Theater Fraction Strips https://toytheater.com/fraction-strips/ Games https://www.mathplayground.com/tb_fractions/index.html
Module 5 **Multiplying Fractions**	5.NF Achieve the Core Coherence Map Math Framework pages 5.NF Toy Theater Fraction Strips https://toytheater.com/fraction-strips/ Games Thinking Blocks Fractions Illustrative Math: Multiply and Divide Fractions
Geometry Due to school closure students may need time to review and practice 4.G1 and 4.G.2 which are 4th grade additional and supporting standards.	4th Grade Go Math! Chapters 10 and 11 4th grade School Closure Packet 4 for 4.G.1 and 4.G.2 Math Framework pages 4.G
Module 6 -Part 1 **Geometry**	5. G.Achieve the Core Coherence Map Math Framework pages 5.G Hexagons in a Row Performance Task Sorting Shapes Performance Task

Module 6 - Part 2 **Volume**	5. MD.Achieve the Core Coherence Map How Many Cubes? Performance Task Math Framework pages 5.MD Volume performance task
Module 7 **Dividing Fractions**	5.NF Achieve the Core Coherence Map Math Framework pages 5.NF Cindy's Cat Performance Task Illustrative Math: Multiply and Divide Fractions Toy Theater Fraction Strips https://toytheater.com/fraction-strips/
Module 8 **Algebra: Patterns and Graphing**	5. G.Achieve the Core Coherence Map OA. Achieve the Core Coherence Map Sidewalk Patterns
Measurement and Data Due to school closure students may need time to review and practice 4.MD.1 and 4.MD.2 which are 4th grade additional and supporting standards.	4th grade Go Math! Chapter 12: Lessons 12.1-12.4, 12.7 Math Framework pages 4.MD
Module 9 **Converting Units of Measure**	5. MD.Achieve the Core Coherence Map Fruits and Vegetables Performance Task Math Framework pages 5.MD