

## Digital Resources for Math 3rd Grade

General digital tools for math	Teacher support in using tools
<a href="https://whiteboard.fi/">https://whiteboard.fi/</a> Digital whiteboards for student and teacher. Answers for all students appear in real time on teacher's screen	At website
<a href="#">Jamboard</a> (Google app)	
Math learning center apps <a href="https://www.mathlearningcenter.org/resources/apps">https://www.mathlearningcenter.org/resources/apps</a>	<a href="#">Math Learning Center Apps</a> video <a href="#">Number Line App Tutorial</a>
Virtual manipulatives app <a href="#">Fraction, Decimal &amp; Percent Tiles • ABCya!</a>	<a href="#">Virtual Manipulatives app</a> video
<a href="#">Screen castify</a>	
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.	<a href="#">2nd grade</a> <a href="#">3rd grade</a>
Peardeck <a href="http://www.peardeck.com">www.peardeck.com</a>	Trainings offered through Peardeck online through videos or maybe contact an expert to do a Zoom training
Khan Academy <a href="http://www.khanacademy.org">www.khanacademy.org</a>	Many videos available via YouTube
Math Playground <a href="http://www.mathplayground.com">www.mathplayground.com</a>	Incorporate various practice in the pacing calendar
Conceptual Math - Digital Math Tool Library <a href="https://teach.conceptuamath.com/app/tool-library">https://teach.conceptuamath.com/app/tool-library</a> <a href="#">North Carolina Math Fluency Games</a>	PDF game boards, spinners for practicing math fluency

<b>ASSESSMENT</b>	
Google Forms	
GoFormative <a href="http://www.goformative.com">www.goformative.com</a>	

<b>Resources for Teacher Planning:</b>	
California Department of Education Math Framework -Grade Level Chapter	<a href="#">2nd Grade</a> <a href="#">3rd Grade</a>
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.	<a href="#">2nd grade</a> <a href="#">3rd grade</a>
CDE Framework	<a href="#">2nd grade</a> <a href="#">3rd grade</a>
<a href="#">CCSS Math Activities</a>	Smarter Balanced type problems and performance tasks
<a href="#">Achieve the Core Guidance Documents for Go Math</a>	Shows possible edits to teach Common Core standards using Go Math
<a href="#">SFUSD Grade 3 Math Portal</a>	Access to modules and activities created by San Francisco Unified School District
<a href="#">CGI Resources</a>	Resources from the Cognitively Guided Instruction website.
<a href="#">Math Continuum</a>	Know what students are expected in the next grade so you can build them up to it.
<a href="#">Distance Learning Resources</a>	These were developed by Tulare County Office of Education
<a href="#">Howard County School Resources</a>	Resources for home learning from Howard County Schools.
<a href="#">Illustrative Mathematics</a>	Math tasks for specific standards

<p>Problem Solving Routines</p> <p>Problem Solving Assessment:</p>	<p><a href="#">Greg Tang Math</a>  <a href="#">3 Act Tasks</a>  <a href="#">Numberless Word Problems</a>  <a href="#">Numberless word problems 3rd grade video</a></p> <p><a href="#">You Cubed Week of Inspirational Math</a></p> <p><a href="#">Core Math Performance Assessment Modules</a></p> <p>Cognitively Guided Instruction sites  <a href="#">dusd.net</a>  <a href="#">cgimath-tlc.org</a></p>
<p>Number Sense Routines</p>	<p><a href="#">Steve Wyborne 20 days of Number Sense Routines</a>  <a href="#">Choral Counting (count around the room)</a>  <a href="#">Clothesline Math</a>  <a href="#">Splat!</a>  <a href="#">Number Talk Visuals</a></p>

<p>For iPad</p> <p>Recording from your iPad.</p> <p><a href="https://youtu.be/-ox6dwypRgw">https://youtu.be/-ox6dwypRgw</a></p> <p>Whiteboard app  <a href="https://apps.apple.com/us/app/showme-interactive-whiteboard/id445066279">https://apps.apple.com/us/app/showme-interactive-whiteboard/id445066279</a></p> <p>Number frames app  <a href="https://apps.apple.com/us/app/number-frames-by-mlc/id873198123">https://apps.apple.com/us/app/number-frames-by-mlc/id873198123</a></p> <p>Base ten blocks  <a href="https://apps.apple.com/us/app/number-pieces-by-mlc/id605433778">https://apps.apple.com/us/app/number-pieces-by-mlc/id605433778</a></p> <p>Money  <a href="https://apps.apple.com/us/app/money-pieces-by-mlc/id1055394278">https://apps.apple.com/us/app/money-pieces-by-mlc/id1055394278</a></p>	<p>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 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.</p>
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<p>Number lines  <a href="https://apps.apple.com/us/app/number-line-by-mlc/id751816884">https://apps.apple.com/us/app/number-line-by-mlc/id751816884</a></p> <p>Fraction tiles  <a href="https://apps.apple.com/us/app/fractions-by-the-math-learning-center/id1114674604">https://apps.apple.com/us/app/fractions-by-the-math-learning-center/id1114674604</a></p> <p>Geoboards (Great for area and perimeter of polygons)  <a href="https://apps.apple.com/us/app/geoboard-by-the-math-learning-center/id519896952">https://apps.apple.com/us/app/geoboard-by-the-math-learning-center/id519896952</a></p>	
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Content	Resources
<p><b>Back to School</b></p> <ul style="list-style-type: none"> <li>Establish routines for number sense and problem-solving</li> <li>Place Value</li> </ul> <p>Due to school closure, students may need time to review and practice <a href="#">2.NBT.7 (add and subtract within 1000)</a>.</p> <p>7 days allocated, including first 2 days of school</p> <p>Possible Assessment: 2nd grade Module 6</p>	<p>Number Sense Routines  <a href="#">Steve Wyborney 20 days of Number Sense Routines</a>  <a href="#">Choral Counting (count around the room)</a>  <a href="#">Clothesline Math</a>  <a href="#">Splat!</a></p> <p>Problem Solving:  <a href="#">You Cubed Week of Inspirational Math</a>  <a href="#">Greg Tang Math</a>  <a href="#">3 Act Tasks</a>  <a href="#">Numberless Word Problems</a>  <a href="#">Which One Doesn't Belong?</a></p> <p>Games  <a href="#">Fluency games</a></p> <p>Tasks/Lessons:  <a href="#">3 Act Tasks</a></p>
<p><b>Module 1-</b> Addition and Subtraction within 1000 and Place Value</p>	<p><a href="#">3rd grade Framework</a>  <a href="#">Addition and Subtraction progression video</a></p>
<p><b>Module 2</b> Represent and Interpret Data</p>	<p><a href="#">3rd grade framework</a></p>
<p><b>Module 3</b> Understanding Multiplication</p>	<p><a href="#">2nd grade framework</a></p>

<p>Due to school closure, students may need time to review and practice 2.OA. 3, 2.OA.4 (Working with equal groups of objects to gain foundations for multiplication).</p>	<p><a href="#">3rd grade framework</a></p> <p><a href="#">Multiplication progression video</a></p>
<p><b>Module 4</b> <b>Multiplication Facts and Strategies</b></p>	<p><a href="#">Math Framework pages 3.OA</a></p> <p>Resources for meaningful practice to commit facts “from memory”</p> <p><a href="#">Memorization or from memory?</a></p> <p><a href="#">Multiplication subitizing cards</a></p>
<p><b>Module 5</b> <b>Understanding Division and Division Facts and Strategies</b></p>	<p><a href="#">Math Framework 3.OA</a></p> <p><a href="#">Division Progression video</a></p>
<p><b>Module 6</b> <b>Perimeter and Area</b></p>	<p><a href="#">3rd grade framework</a></p>
<p><b>Module 7a</b> <b>Understanding Fractions</b></p>	<p><a href="#">3rd grade framework</a></p> <p><a href="#">Fraction Progression video</a></p>
<p><b>Module 7b Comparing Fractions</b></p>	
<p><b>Module 8</b> <b>Time, Length, Liquid, Volume, Mass</b></p>	<p><a href="#">Math Framework 3.MD</a></p>
<p><b>Module 9</b> <b>Two- Dimensional Shapes</b></p>	<p><a href="#">Math Framework 3.G</a></p> <p><a href="#">Geometric subitizing cards</a></p>