

Second Grade Math Resources

General resources for math	Teacher support in using tools
Digital Tools	
Digital Whiteboard option Digital whiteboards for student and teacher. Answers for all students appear in real time on teacher's screen	On the website, you can learn how to use it with students.
Math learning center apps	How to use math learning center apps
Peardeck	Trainings offered through Peardeck online through videos and YouTube has videos
Jamboard (Google app)	
Math reps	How to digitize (techify) your math routines
Screen castify	
Teacher Planning	
Second Grade Math Frameworks	
First Grade Math Framework	
Achieve the Core Guidance Documents for Go Math	Shows possible edits to teach Common Core standards using Go Math
San Francisco Unified Math Portal	Access to modules and activities created by San Francisco Unified School District
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 Public Schools Math Overview	Resources for home learning from Howard County Schools.
Illustrative mathematics	Math tasks for specific standards

Math bookmarks	This has a Spanish resource. Small resource of the standards. Includes essential learning and question stems.
Week of Inspirational Math from Youcubed	
Math Games & Building Number Sense	
North Carolina Second Grade Game Files	
Math Playground	Incorporate various practice in the pacing calendar
CCSS Math Activities Support Materials	Instructions for games and activities on website
Blacklines & templates	
Number Sense Routines (seen throughout this document) <ul style="list-style-type: none"> • Choral Counting • Clothesline Math • Counting Collections • Numberless Word Problems • Splat! • Esti-Mysteries 	

Content	Possible Resources
Addition & Subtraction within 20	Number Sense Routines <ul style="list-style-type: none"> • Choral Counting • Clothesline Math • Counting Collections • Splat! • Subitizing Slides Tasks <ul style="list-style-type: none"> • Numberless Word Problems • Esti-Mysteries • Math Visuals Digital Game <ul style="list-style-type: none"> • Greg Tang Math "Kakooma" (Practice version = not timed) For teachers <ul style="list-style-type: none"> • Addition/Subtraction Progression video • Early Counting Progression Video • CCSS Number Sense Resources • Grade 2 Frameworks (OA)
Addition & Subtraction of Lengths	Number Sense Routines <ul style="list-style-type: none"> • Choral Counting • Clothesline Math

	<ul style="list-style-type: none"> ● Counting Collections ● Splat! ● Maze Hundreds Chart ● Subitizing Slides <p>Tasks</p> <ul style="list-style-type: none"> ● Numberless Word Problems ● What rides can you go on? (Robert Kaplinsky math task) ● Esti-Mysteries <p>For teachers</p> <ul style="list-style-type: none"> ● Grade 2 Frameworks (OA) ● Grade 2 Frameworks (MD) ● Grade 1 Frameworks (MD)
<p>Place Value, Counting & Comparing Numbers to 1000</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> ● Choral Counting ● Clothesline Math ● Counting Collections ● Maze Hundreds Chart <p>Tasks</p> <ul style="list-style-type: none"> ● Math Visuals ● Numberless Word Problems ● Esti-Mysteries ● How can you win every prize at Chuck E. Cheese's? (Robert Kaplinsky math task) <p>For teachers</p> <ul style="list-style-type: none"> ● CCSS Number Sense Resources ● Grade 2 Frameworks (NBT) ● Grade 1 Frameworks (NBT)
<p>Addition within 100</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> ● Choral Counting ● Clothesline Math ● Counting Collections ● Splat! ● Wacky Hundred Chart ● Esti-Mysteries ● Maze Hundreds Chart <p>Tasks</p> <ul style="list-style-type: none"> ● 3 Act Task "The Whopper Jar" ● Numberless Word Problems <p>Game</p> <ul style="list-style-type: none"> ● Marilyn Burns "Oh no! 99" card game <p>For teachers</p> <ul style="list-style-type: none"> ● CCSS Number Sense Resources ● Grade 2 Frameworks (OA) ● Grade 2 Frameworks (NBT) ● Grade 1 Frameworks (NBT)

<p>Problem Solving with Money</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> • Which one doesn't belong? • Maze Hundreds Chart <p>Tasks</p> <ul style="list-style-type: none"> • Math Visuals • Numberless Word Problems • How much money are coins worth? (Robert Kaplinsky math task) • Do you have enough money? (Robert Kaplinsky math task) <p>For teachers</p> <ul style="list-style-type: none"> • Grade 2 Frameworks (OA) • Grade 2 Frameworks (MD)
<p>Subtraction within 100</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> • Choral Counting • Clothesline Math • Counting Collections • Splat! • Esti-Mysteries • Wacky Hundred Chart <p>Tasks</p> <ul style="list-style-type: none"> • Numberless Word Problems <p>Game</p> <ul style="list-style-type: none"> • Marilyn Burns "Oh no! 99" card game <p>For teachers</p> <ul style="list-style-type: none"> • CCSS Number Sense Resources • Grade 2 Frameworks (OA) • Grade 2 Frameworks (NBT) • Grade 1 Frameworks (NBT)
<p>Problem Solving with Data</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> • Maze Hundreds Chart • Math Visuals <p>Tasks</p> <ul style="list-style-type: none"> • Open Middle: Parts Unknown Word Problems <p>For teachers</p> <ul style="list-style-type: none"> • Grade 2 Frameworks (OA) • Grade 2 Frameworks (MD)
<p>Shapes & Fractions as Equal Parts of Shapes</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> • Choral Counting • Clothesline Math • Counting Collections • Splat! • Esti-Mysteries • Wacky Hundred Chart <p>Tasks</p> <ul style="list-style-type: none"> • Numberless Word Problems

	<p>For teachers</p> <ul style="list-style-type: none"> ● Fraction Progression video ● Grade 2 Frameworks (G) ● Grade 1 Frameworks (G)
<p>Foundations of Multiplication</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> ● Cube conversations <p>For teachers</p> <ul style="list-style-type: none"> ● Multiplication Progression video ● Grade 2 Frameworks (OA) ● Grade 2 Frameworks (G)
<p>Addition & Subtraction within 1000</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> ● Choral Counting ● Clothesline Math ● Counting Collections ● Numberless Word Problems ● Math Visuals <p>For teachers</p> <ul style="list-style-type: none"> ● CCSS Number Sense Resources ● Grade 2 Frameworks (OA) ● Grade 2 Frameworks (NBT)
<p>Time</p>	<p>Number Sense Routines</p> <ul style="list-style-type: none"> ● Choral Counting ● Clothesline Math ● Counting Collections ● Splat! ● Esti-Mysteries ● Wacky Hundred Chart <p>Tasks</p> <ul style="list-style-type: none"> ● Math Visuals ● Open Middle "Time Twister" <p>For teachers</p> <ul style="list-style-type: none"> ● Grade 2 Frameworks (MD) ● Grade 1 Frameworks (MD)