

***Family Night –
Math Strategies***

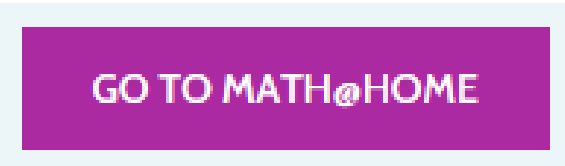
Hal Hutchens Elementary
February 9, 2021

Math Inventory

- ▶ The Math Inventory is a computerized test that results in a score, or Quantile® , that indicates how well a student understands mathematical skills and concepts along a developmental continuum. A student who scores at the Proficient level by the end of the school year is considered to be performing on grade level and is on track to meet the demands of college and career by the end of high school.
- ▶ Test Administration - 3 times a year (August, January, May)



Quantile Resource

- ▶ <https://www.quantiles.com/parents-students/find-math-resources-to-support-classroom-learning/mathhome/> or <http://tinyurl.com/hutmath>
- ▶ Click on A purple rectangular button with the text "GO TO MATH@HOME" in white, capital letters.
- ▶ Enter Student's Information from their Math Inventory Score Report
 - ▶ Use the Instructional Recommendations section to pick out keywords (i.e. Numbers and Operations, Algebraic Thinking, Patterns, etc.)

Second Grade Math Compact Goal

- ▶ Fluently adds and subtracts within twenty using mental strategies.

Number Talks

- ▶ **What is the format for Number Talks?**
 - ▶ 1. Teacher presents the problem.
 - ▶ 2. Students figure out the answer.
 - ▶ 3. Students share their answers.
 - ▶ 4. Students share their thinking.
 - ▶ 5. The class agrees on the “real” answer for the problem.

- ▶ **What is the Teacher’s Role?**
 - *provides a safe environment
 - *asks questions
- ▶ *selects problems that intentionally highlight mathematical concepts
- ▶ *Values everyone’s thinking

Math Strategy Modeling

► Counting Coins

Riley found 2 quarters, 3 nickels, and 1 penny in his room. Chase found 1 quarter, 3 dimes, 2 nickels, and five pennies in his room. How much money did each boy find? Who found the most? Who found the least?

Activities you can do to practice counting coins....

- <https://www.abcya.com/search/?term=Counting%20Money&type=all>
- https://www.abcya.com/games/money_counting
- https://www.abcya.com/games/break_the_bank_counting

Online Resources

▶ Add/Subtraction Regrouping

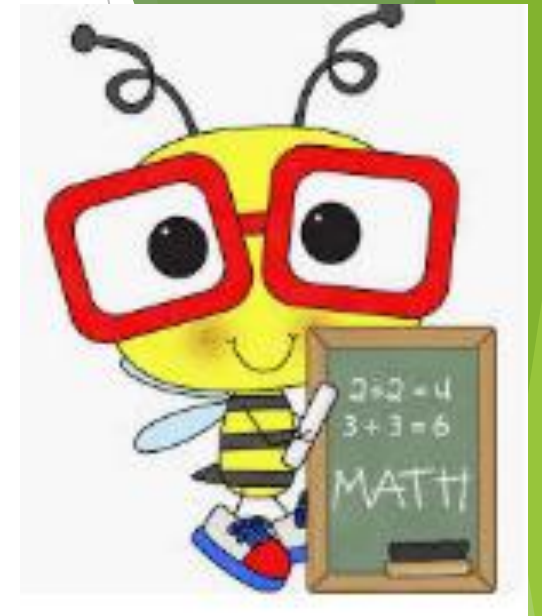
- ▶ Addition Video - <https://www.youtube.com/watch?v=ayFAh4VNMFA>
- ▶ Addition Practice - https://www.math-play.com/soccer-math-adding-two-digit-whole-numbers/adding-two-digit-numbers-soccer-game_html5.html
- ▶ Subtraction Video - https://www.youtube.com/watch?time_continue=3&v=lqmccJc1R38&feature=emb_logo
- ▶ Subtraction Game - <https://mrnussbaum.com/fun-regrouping-in-subtraction-games-from-computermice>

▶ Place Value

- ▶ Base Ten Blocks Game - https://www.abcya.com/games/base_ten_fun

Fun Ideas for Fact Fluency Practice

- ▶ Dude's Dilemma - <http://teacher.scholastic.com/activities/adventure/math1.htm#>
- ▶ Addition War - Use two decks of cards and add to get the sum. Whoever has the highest sum wins.
- ▶ Education Galaxy - My Skill Practice- www.educationgalaxy.com/login
- ▶ Roshambo (Math version of Paper, Rock , Scissors) - Each person puts out a number and the person to say the correct sum of the two numbers first wins.
- ▶ Addition Roll'Em - Roll a pair of dice and add to get the sum. Whoever has the highest sum wins.
- ▶ Fact Family Songs - Flocabulary, YouTube, School House Rock
- ▶ App- Sushi Monster
- ▶ Xtra Math, Math Magician



Education Galaxy



www.educationgalaxy.com

Username - Student ID # + hes (lunch #)

Password - Student ID # (lunch #)

Resource for student skill practice at home
in Reading, ELA, and Math

