

***Family Night –
Math Strategies***

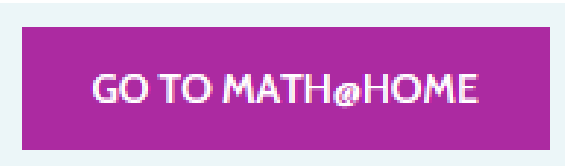
Hal Hutchens Elementary
February 9, 2021

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, December/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 a white border containing the text "GO TO MATH@HOME" in white, uppercase 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.)

First Grade Math Compact Goal

- ▶ Use strategies to solve equations using numbers 0-20.

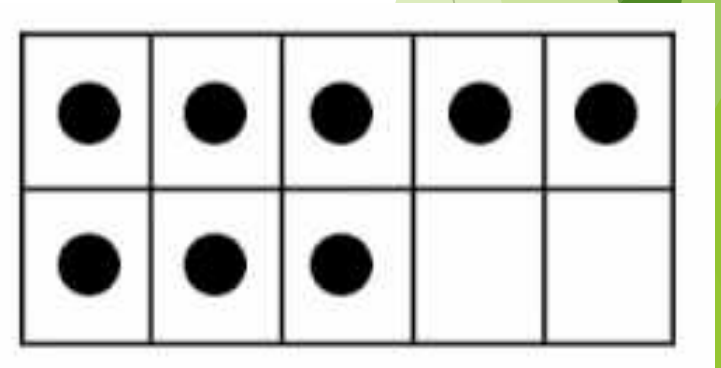
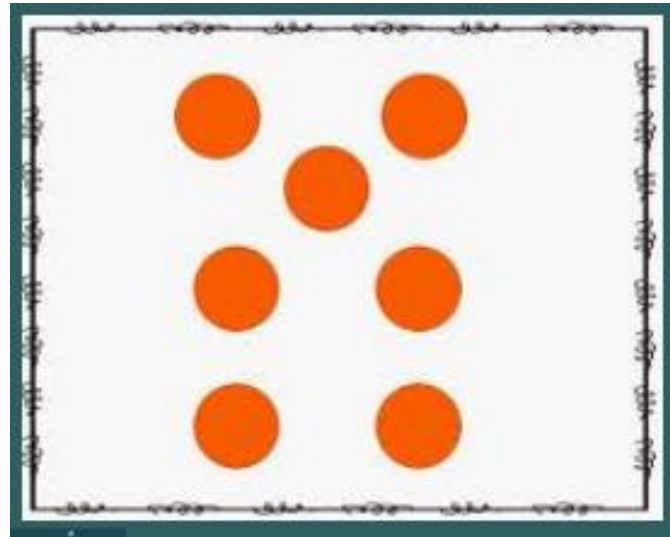
Goals for 1st grade Number Talks

- (1) Developing number sense
- (2) Developing fluency with small numbers
- (3) Subitizing
- (4) Making tens

Number Talks

During Number Talks we...

1. **Solve** the problem in our heads.
2. Think about **HOW** we solved it.
3. Look for **patterns** in the problems or answers.
4. Are ready to **share strategies** and **explain** our thinking.
5. **Listen** to other mathematicians' thinking and are ready to **respond**:



Math Strategy Modeling

- ▶ <https://www.mathlearningcenter.org/resources/apps/number-pieces>
- ▶ Practice Question: Cade had 42 marbles. Gavin gave him 15 marbles. How many marbles does Cade have now?
- ▶ Students need:
 1. Equation
 2. Strategy
 3. Answer Sentence

Online Resources

▶ Place Value

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

▶ Ten More, Ten Less

- ▶ Using Hundreds Chart - <https://www.youtube.com/watch?v=9NRdxc0XjOg>
- ▶ Online Game - <https://www.topmarks.co.uk/learning-to-count/chopper-squad>
- ▶ Song - https://www.youtube.com/watch?v=zau4jtSA_kY

Apps -

Addition - <http://iteach1to1.blogspot.com/2014/10/my-favorite-free-addition-apps-plus-new.html>

Place Value - <http://iteach1to1.blogspot.com/2014/11/free-place-value-apps-and-activities.html>

First Grade Splash Math Learning Practice for Kids



iPhone iPad

Download



IXL Math



Basic Math skills: addition



Kids Math Place Value

RamkyS Tech Education Education

★★★★☆ 286

Everyone Ages 6-8

Contains Ads

Add to Wishlist

Install



Place Value Fish

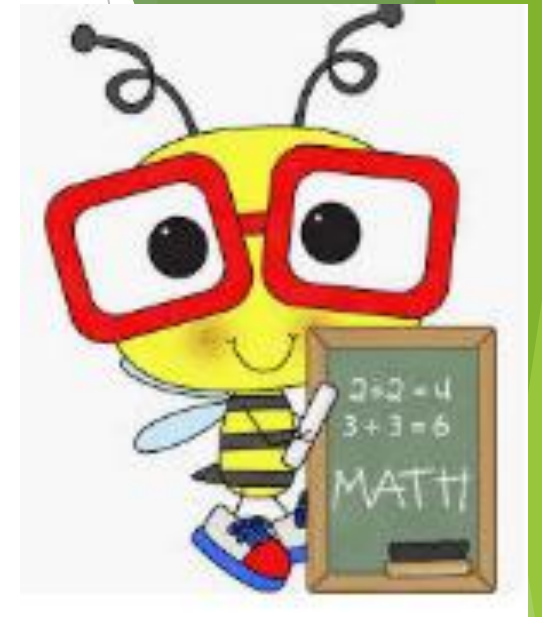
Junior Learning

★★★★☆ 2.8, 5 Ratings

Free

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



Resources for skill practice at home

Education Galaxy & Splash Learn

▶ www.educationgalaxy.com

Username - Student ID # + hes (lunch #)

Password - Student ID # (lunch #)



▶ www.splashlearn.com

Enter your teacher code (check Canvas)

Find your name

Enter your lunch number

