

**Understanding Math in Your Child's Classroom**  
**January 12, 2016**



**Strategies to Build Number Sense**

- Model different methods for computing
- Ask students regularly to calculate mentally
- Have discussions about strategies for computing
- Make estimation an integral part of computing
- Question students about how they reason numerically
- Pose numerical problems that have more than one possible answer

**How Can You Support Math At Home?**

- Encourage your child to use what is already known to find answers for new problems (Example:  $4,500 - 399 = ?$  Think:  $4,000 + (500 - 399) = 4,000 + 101 = 4,101$ )
- Ask your child to explain what she or he is doing when working on a problem
- Encourage your child to stick with a problem that may seem difficult at first
- Play math games with your child and ask for explanations of his or her strategies and solutions
- Find Math in Everyday Activities: cooking, shopping, dining out
- Homework
  - \*provide a supportive environment
  - \*encourage your child to take his/her time and to think through problems
  - \*communicate with your child's teacher

**Resources**

- Investigations Math Program- homepage, <https://investigations.terc.edu/index.cfm>
- Pearson Success Network- Online version of student handbook, student resources (ask your teacher for log in information),  
<https://www.pearsonsuccessnet.com/snpapp/login/PsnLandingPage.jsp?showLandingPage=true>
- Exemplars- In addition to the Investigations, Exemplars are used to help students develop their mathematical thinking,

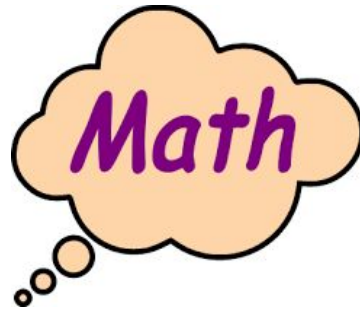
<http://www.exemplars.com/exemplars-community/parents>

- Common Core State Standards Initiative- <http://www.corestandards.org/>
- National Council of Teachers of Mathematics-This site helps families enjoy mathematics outside school through a series of fun and engaging challenges, [www.figurethis.org](http://www.figurethis.org)
- Customized by grade level and topic- AAA Math features explanations of various mathematical topics, practice problems and fun, challenging games, [www.AAAMath.com](http://www.AAAMath.com)

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## Exit Slip



Share something you learned today.

What math topics are of interest to you for future sessions?