

### **What have we been doing?**

#### **Homework routines**

We are still adjusting to homework routines for Challenge Math. Most students are doing fine or have shown significant improvement in getting their homework back to Challenge Math. Your child should be in the habit of bringing their SRB home every night they have math homework.

The SRB (Student Reference Book) is just that....a reference book. It is not a recap of the day's lesson in any way. If you should need to use it, use the index to refer to a topic. If you'd prefer help via the Internet, looking at the title of the homework page is usually helpful; a quick Google search with the heading of the homework page usually yields ample help.

#### **Mastering Math Facts here at Churchill School**

Students have begun the math facts program in math class this week. The math facts program is aimed at providing additional practice in rote memorization of basic facts. (This is a continuation of the program started at Willow School.) Challenge Math students will be given a practice timed test on Monday morning. It will be graded & returned to them on Tuesday for practice throughout the week. If students need additional homework, part of their daily homework routine could involve practicing their facts for that week. Time allowing, we will have another practice run during the week. A second timed test will be given on Friday of the same week.

Here is a link to a PDF file of the program. EVERYTHING (more than you need at home!) is included here....but it's easy to navigate along the side bar. To make it easier....you would be using "addition practice sheets A-Z" or "subtraction practice sheets A-Z". These are the same exact sheets the children use at school. Your child should know their letter (level) and their goal (number of problems needed correct to pass). In order to move to the next level, they need to make their goal at their level in one minute.

<http://www.saintfrancisschool.org/Academics/Elem%20Student%20Support/mastering%20math%20facts/Mastering%20Math%20Facts%20Blackline%20Masters.pdf>

Warning: If you use this link at home, please note that it pulls up the whole program....all 300-something pages worth.

**Make sure if you choose to print, you choose the "current page" print option.**

If you'd prefer something different than what your child sees at school, I found a great website for online practice of math facts: <http://www.mathsisfun.com/games/speed-math.html>

### **Unit vocabulary packet**

3<sup>rd</sup> graders will be completing vocabulary for each unit. They will be completing most of it at school. It is to be done after they finish with regular assignments. They will have 2-3 weeks to complete each packet. The first packet is due on Wednesday. Last night, I suggested that they look through the packet and decide if they needed to bring it home and work on it at home.

#### **Unit 1 words include:**

Number grid	Data	Units	Table of Contents	Index
Glossary	Line plot	Centimeter	Inch	maximum
Minimum	Range	Median	Mode	equivalent
Tally chart	Name collection Box	Difference	Estimate/estimation	

Most/many of the definitions are found in their SRB (Student Reference Book). Those which are not can be found in a regular dictionary. Or, a great online reference is:

<http://www.mathsisfun.com/definitions/index.html>

In Everyday Math, understanding math words is expected and really helps them in the long run; mathematically. If you think completing the vocabulary will be burdensome, please contact me.

### **What's next?**

#### **Unit 2 concepts include:**

- Fact families
- Extensions of number facts ( $4 + 3 = 7$ ,  $4 + 300 = 700$ , etc.)
- What's my rule? (patterns—find patterns, extend patterns, make patterns)
- Number stories
- Ballpark Estimates (See link to Unit 2 family letter below or Student Reference Book—SRB-pg. 191)
- Algorithms (methods) for addition: partial sums algorithm (<http://everydaymath.uchicago.edu/educators/computation/>)
- Algorithms (methods) for subtraction: counting up and trade first methods (<http://everydaymath.uchicago.edu/educators/computation/>)

### **Everyday Math Resources**

**3<sup>rd</sup> grade unit 1 family letter** (help with homework, definitions, and "routines" for unit 1):

[https://www.wrightgroup.com/download/em/em3mm\\_g3\\_u01\\_family\\_letters.pdf](https://www.wrightgroup.com/download/em/em3mm_g3_u01_family_letters.pdf)

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