

**STUDENTS NOT KNOWING THEIR BASIC FACTS SHOULD PRACTICE THEM
AT SCHOOL FOR
5 MINUTES EVERY DAY!!!!**

1. Fact Triangles should be used in a daily 5-minute practice time. Students should have the “**Facts I know**” in one pile and should **add one new fact triangle** from their “**Facts I don’t know yet**” pile at a pace of about one every week or two. The purpose is to foster success as students successfully call out the missing fact with automaticity. Fact Triangles (not flash cards) allow students to learn basic facts in a format that allows them to see the four related facts of a fact family of three numbers, thus quadrupling their math fact learning.
2. All elementary schools may use FASTT Math with **only Grade 4 or 6 students** with an active AIP (Academic Improvement Plan). Schools that have purchased a site license use FASTT Math with any and all students in their building

**FACT PRACTICE IS EMBEDDED IN
EVERYDAY MATH DAILY LESSONS**

- * a complete and strong implementation of the program is necessary
- * multiple fact exposure is spread throughout the curriculum

1. Daily Mental Math and Reflexes (basic facts and extended facts are included)
2. Flexible Groups should include Games when the Secure Skill is either “knows basic facts” or is a related skill to students learning their basic facts. The Games are listed in the Flexible Learning Activities document for each grade level. The Nancy Nutting resources are identified in this document and can be found on our center website (thecenter.spps.org/math3.htm).
3. Everyday Math Games (ie. Plus or Minus, Addition Top-It, Addition Spin, Baseball Multiplication, Subtraction Target Practice, Factor Captor, etc.) Part 2 of the daily lesson often includes Games that practice basic facts.
4. Daily Math Boxes ($5 + 3 = \underline{\quad}$, $8 * 2 = \underline{\quad}$, $\underline{\quad} = 7 * 8$)
5. Some grades include units/lessons developing fact power with planned and purposeful strategies to guide student mastery of facts. (Supplemental activities to arbitrarily practice basic facts should only include strategies that support continued success of facts known – adding one or two unknown facts at a time until all facts have been mastered. This is just like the research informed strategy employed in FASTT Math.)

**STUDENTS NOT KNOWING THEIR BASIC FACTS SHOULD PRACTICE THEM AT
HOME FOR
10 MINUTES EVERY DAY!!!!**

1. Students should be expected to spend an additional 10 minutes everyday as math homework, using the Fact Triangles, as described above.
2. A webpage of Fact Fluency Games is now available. Students could use these for extra practice either at school and/or at home. The website was created by South Washington County and can be found at: <http://www.sowashco.k12.mn.us/virtualmedia/elementary/>. There is a section for addition, subtraction, multiplication, and/or division depending upon the grade level designation.