

Supporting Student Fact Fluency

Home Support for Building Math Fluency

Math is an important subject for our students. One component of our program is supporting students in becoming proficient with basic math facts. Teachers use a variety of strategies to assist students in memorizing the basic facts for their grade level. Our math program, *Math Expressions*, includes a Fluency Plan for helping students achieve fluency with the Common Core Standards that are suggested for each grade.

We encourage you to take advantage of *Think Central*, an online tool provided by *Math Expressions*, which includes many opportunities to practice and reinforce math fluency. To access the games, go to: [www-k6.thinkcentral.com/ePC/start.do](http://www.k6.thinkcentral.com/ePC/start.do) Your child's unique login information was sent home. Please contact your child's teacher if you need assistance. There are many other online games listed on the Tahoma Website's "Learning Links" Page: www.tahomasd.us; that will also help build and reinforce math fluency.

Flash cards, oral repetition, and math games are all ways that you can support your child's growth with math fluency. Our goal is for students to recall each fact within three seconds. Please strive for 20 minutes of home practice with the math facts each week, using both the games and the flash cards.

Student Expectations

Gr 1	Recall addition and subtraction facts through sums to 12
Gr 2	Recall addition and subtraction facts through sums to 20
Gr 3	Maintain addition and subtraction facts through sums to 20 Recall multiplication and division facts through the 10's
Gr 4	Maintain multiplication and division facts through the 10's
Gr 5	Maintain multiplication and division facts through the 10's

FLUENCY TESTING TIME

Grade 1	90 seconds
Grade 2	75 seconds
Grade 3	75 seconds
Grade 4	60 seconds
Grade 5	60 seconds

Proficiency Level

2 errors = 90% accuracy rate

90% meets standard

Students proceed to the next level