



Summer 2019

THE
NEXT GENERATION

*of astronauts, engineers, doctors, programmers, scientists,
explorers and more are in your hands.*



*Give young learners the foundation for success to
launch into the worlds beyond.*



COUNTDOWN

TEACHER TOOLS

Supplement Your Current Math Fact Fluency Investment



Save Time

Complete daily practice in just 3 minutes, with no prep



Get Results

Using multi-sensory methods, student recall and accuracy improve

“Before emerging mathematicians can measure the heavens, they must first learn to count the stars.”

Kathy Robinson President and CEO
of Schoolware, Inc.

COMING SOON



Solutions for Teachers, by Teachers.

MathFactsMatter.com



The Missing Link to Math Fact Fluency

Proven Methods for Improved Learning and Recall According to Neuroscience

by Kathy Robinson

Are you dissatisfied with results from some of the fact fluency strategies you have tried?

Then try Multi-sensory Memorization and get more mileage from current strategies and a greater return on investment from fact fluency apps.

Multi-sensory Memorization maximizes targeted instruction and student practice but does not supplant current classroom methods or computer programs.

Multi-sensory Memorization is the missing link that completes the learning loop with a faster track to fact fluency!

Educators agree math fact fluency is beneficial to mathematical success, but a debate rages around teaching fact strategies, memorization, and/or independent student practice. Research indicates we should do all three! Targeted independent student practice is highly recommended and efficient strategies are powerful calculation tools.

Plus, memorization of facts is also a good strategy when using the multi-sensory approach found only in Countdown. Get more from your current classroom instruction and student practice with Countdown...the missing link for F⁴ fearless, flexible fact fluency!

How does multi-sensory memorization work?

The cerebrum of the brain is divided into four lobes...



The Frontal Lobe processes mathematical problem solving. Processing memory is limited and easily consumed especially in early learners. Therefore, the temporal, parietal, and occipital lobes act as sentinels filtering out distractions.

Writing targeted fact statements coordinates the eye-hand-brain. This multi-sensory approach appeals to all the other lobes simultaneously fostering problem solving efficiency within the frontal lobe.



The Temporal Lobe processes auditory information such as sounds and speech while allowing us to comprehend spoken words. Appealing to the temporal lobe with auditory cues increases the rate of retrieval for stored information.

Students using auditory cues to retrieve facts softly repeat, "Six times eight equals...six times eight equals...Oh yeah, six times eight equals forty-eight!"



The multi-sensory memorization methods found in Countdown appeal to the occipital, temporal and parietal lobes in storing facts.

The easy retrieval of known facts reduces cognitive load on the frontal lobe which increases success in high rigor mathematics.

The Parietal Lobe manages input from all the senses and processes touch. It assesses numerical relationships and the size, shape, orientation in space, processes language and coordinates attention. Learners silently repeat fact statements so they feel the tongue thrusting against the roof of the mouth through the teeth as the lips distinctly form to affirm a unique sensory sequence recorded by the brain.

Students using tactile cues to retrieve stored facts move their lips in concentration reclaiming the unique sequence of each fact statement with the answer.



The Occipital Lobe processes visual input such as colors, shapes, size, dimensions, faces, written words, and objects. Effective memorization methods push the occipital lobe to capture an image of a fact statement and store it like a sight word. Therefore, fact statements must include answers in practice mode!

Students using visual cues to retrieve facts look away focusing on something unseen by you as they recall the image of the fact statement.



There is only one tool that applies today's brain research to make the see, hear, say, and write method current for today's classroom...



Learn More at MathFactsMatter.com/Countdown

As the frontal lobe processes information, the occipital, temporal, and parietal lobes block out sights, sounds and sensations rejecting most sensory stimuli as distractors. The brain is very discriminating regarding new information. However, using multi-sensory methods in prescribed ways appeals to the sentinel lobes rallying them to receive and retrieve information.

Facts stored through sensory processing are easily retrieved through sensory recall. Using visual, tactile and auditory cues to retrieve stored facts fortifies the fluidity of mental math. This method of storing and retrieving facts is called the see, hear, say and write method considered by some as old school.

However, a growing body of evidence declares it may be the baby thrown out with the bath water. Many in education are reluctant to revisit the past, but consider that historically most sixth graders passed basic multiplication tests with 60 ppm. Yet, studies indicate the following:

Today, only 1 of 10 college students can pass a basic multiplication test with 40 ppm!

¹ DeMaioribus, C. (2011). "Automaticity of Basic Math Facts: The Key to Math Success?" Masters Thesis, University of Minnesota, Duluth, MN.

Countdown is the only teaching tool applying today's brain research to make the see, hear, say, and write method current for today's classroom.



COUNTDOWN

TEACHER TOOLS

The Only Multi-Sensory Software for Today's K-6 Classroom

Targeted practice in only 3 minutes a day!

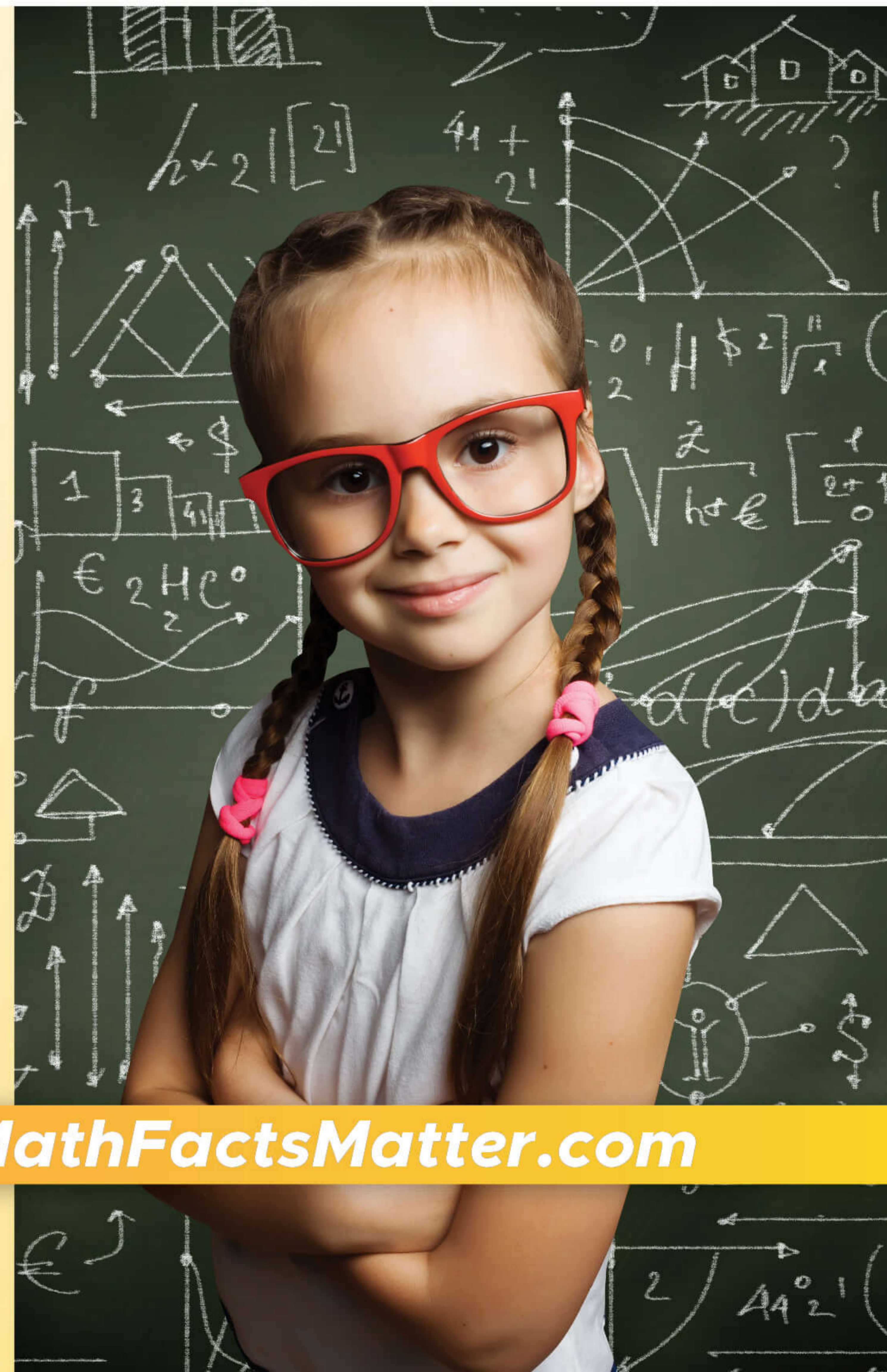
No prep required!

Easy to Use!

Guaranteed F⁴ fearless, flexible fact fluency

Order Countdown Today

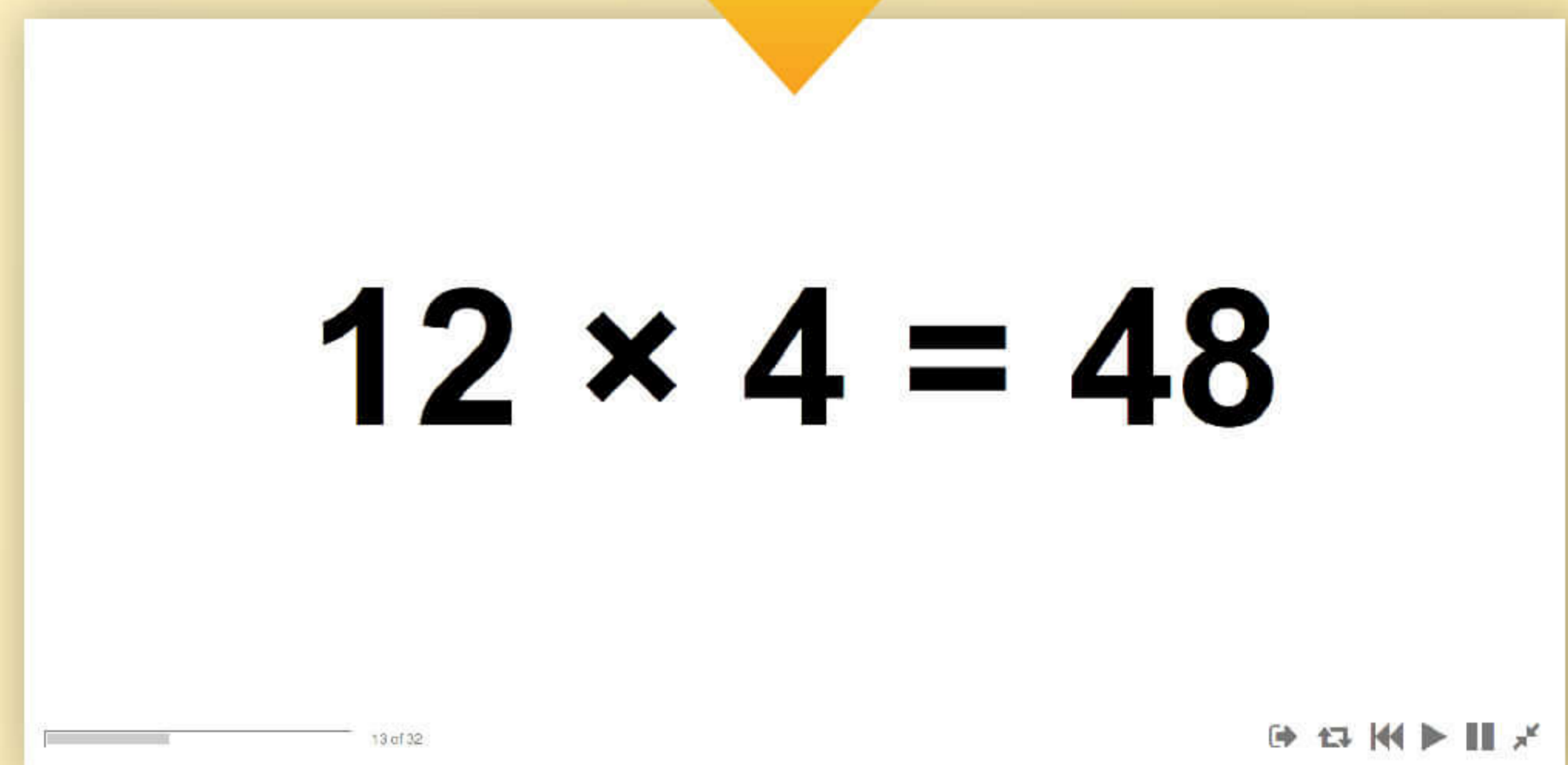
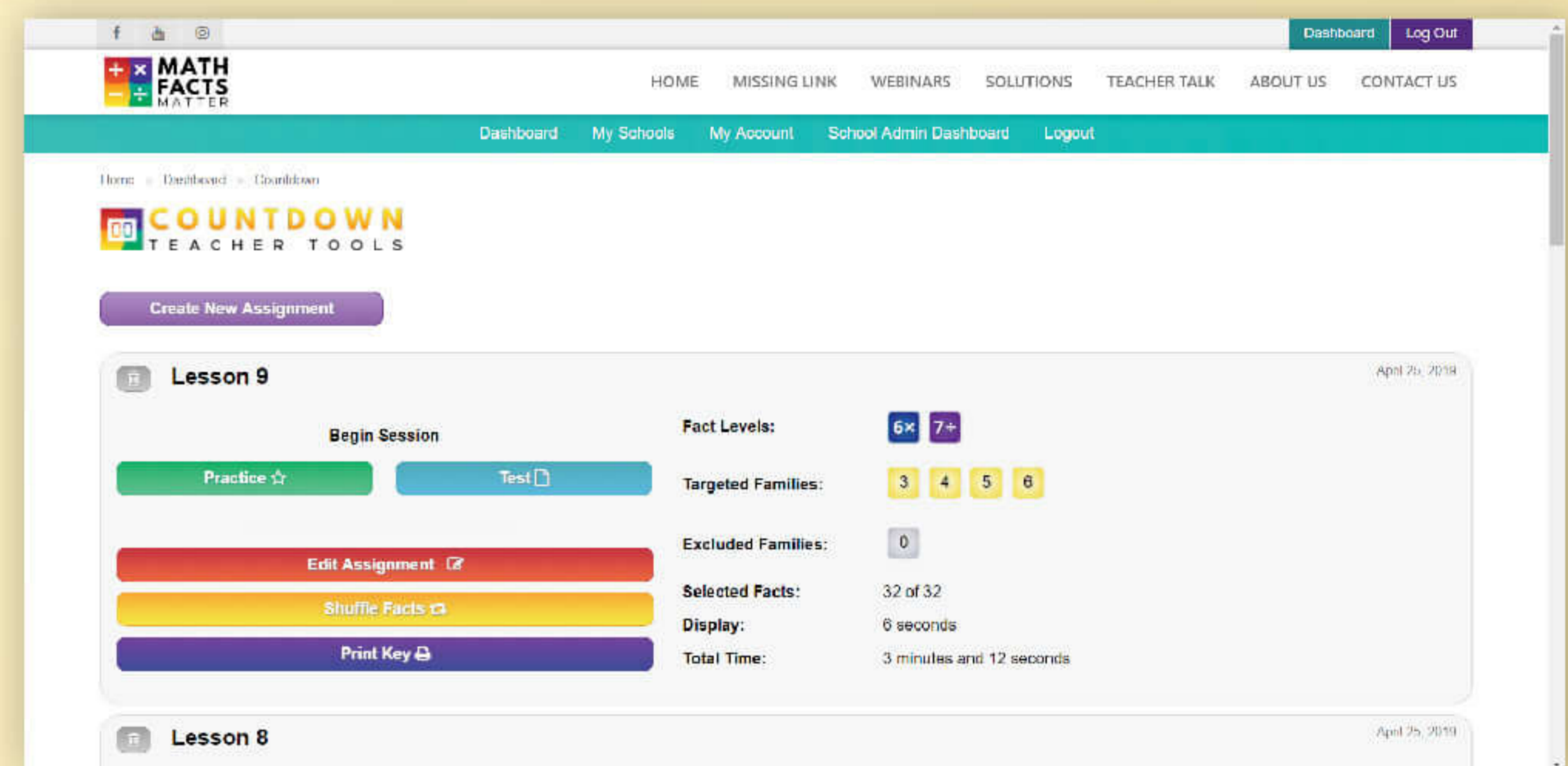
MathFactsMatter.com



This breakthrough new software helps students achieve math fact fluency through whole class practice!

1 Create an assignment, targeting the fact families you need.

2 Conduct classroom practice or tests with just one click!



Complete multi-sensory math fact practice with your whole class in just 3 minutes a day!



Enrich your curriculum with Countdown, the tool that makes multi-sensory practice easy!

Order now at MathFactsMatter.com

and get the MISSING LINK to math fact fluency!



2912 Enterprise Blvd, Suite C1
PO Box 5250
Durant, OK 74702
833.GO.FACTS (833.463.2287)
MathFactsMatter.com

Equip your students with the foundation to explore the galaxies and beyond with...



Visit us online to discover the solutions for the next generation of learning.



MathFactsMatter.com
833.GO.FACTS (833.463.2287)