

Proposal to Shady Grove Elementary School PTA

Submitted by: Jennifer Gerkin, General Resource Teacher and Intervention Team Chair

Budget Item: A school license for Reflex Math

Date: November 7, 2014

What is Reflex Math?

Reflex math is an online program that helps students of all ability levels to develop math fluency with their basic facts in addition, subtraction, multiplication, and division.

What is math fact fluency?

Math fact fluency is the quick and effortless (automatic) recall of basic math facts. When students achieve automaticity, it enables them to retrieve facts from long-term memory without conscious effort. Research has demonstrated the critical role of fact fluency, and that it is a significant predictor of performance in not only computation, but in math concept problems, word problems, data interpretation problems, and mathematical reasoning.

What are the key benefits of Reflex Math?

- Individualized and adaptive: Reflex continuously monitors student performance to create the optimal learning experience for every child. Students are rewarded for effort and progress.
- Powerful reporting for teachers and parents: Teachers can easily monitor student progress and use data to support instruction. Parents can easily identify difficult facts for their children.
- Use at home and school: Reflex may be used anywhere there is internet access.
- Engaging: Reflex is game-based and highly motivating. Children engage in increasingly complex and fast paced games.
- Fact family approach: Students learn the conceptual connections between facts which accelerates automaticity.
- Suggested use: 15 minutes for five days a week leads to powerful progress, but students will want to use it more. Students can use it at home or school. The one year license will allow students to use it over the summer!

What are the expenditures?

- \$2,995 for a one year school license.
- \$400 for a one-time training webinar for teachers.
- Total cost = \$3,395. (Approximately \$4.50 per student. Individual licenses purchased by the school or parents would be \$35 per student.)

The information above was adapted from the website: www.reflexmath.com

Additional information and research references can be found on the website.