

Title of Project: Building Academic Vocabulary with Lone Star Learning
Subject or Class:
Number of Students:
Grades:
Proposed Total Budget:

Project Summary:

This project introduces students to Lone Star Learning's *Math Vocabulary Pictures*™, a resource designed to promote understanding of math vocabulary terminology aligned with the TEA's Texas Essential Knowledge and Skills (TEKS) requirements. These visuals will play a crucial role in building vocabulary understanding by providing context, association, engagement, clarification, and reinforcement.

Why is this needed, or what problem are you trying to address?

How does this address district/campus goals?

Math lessons tend to be vocabulary dense! In a lesson on fractions, for example, a teacher may discuss numerators and denominators, while also introducing concepts of equivalence, proper and improper fractions, and many other terms. *Math Vocabulary Pictures*™ will be displayed and used for a myriad of reinforcement activities to cement learning of mathematical concepts, which will improve comprehension of test questions, test confidence, and increase scores.

How does this project improve student outcomes, or why is this relevant for our students?

Math Vocabulary Pictures™ provide focus via illustrated visual vocabulary, matching the term with its meaning, to benefit all learners, especially visual learners, ESL students, and struggling readers. In conjunction with our core curriculum, incorporating *Math Vocabulary Pictures*™ into our lessons will provide a visual cue to help students make meaningful vocabulary connections and to bridge the gap between understanding of terms during lessons and real-world applications of terminology. Incorporating visuals into vocabulary learning activities will significantly enhance vocabulary acquisition and retention to create dynamic and effective learning experiences.

What do you hope to accomplish? How do you plan to measure success?

How do you plan to use these materials to address this need?

100% of participating classrooms will display *Math Vocabulary Pictures*™ in their classrooms and incorporate them into lessons via creative means. Successful implementation will result in an increase in student proficiency scores, which will be compared from the beginning of the year to the end of the year, using state-aligned assessments.

Additional Comments:

Math Vocabulary Pictures™ is an evidence-based supplemental intervention directly targeting Texas state standards and focused on motivating learners to actively participate in building their vocabulary mastery. Teacher training materials are included to ensure teacher confidence in implementation across all classrooms included in the proposal.