

MATHEMATICS READERS

Case Study



This case study represents an evaluation of student mathematics scores over a three-year Guided Math Implementation, which included *Mathematics Readers* as a central part of the curriculum.

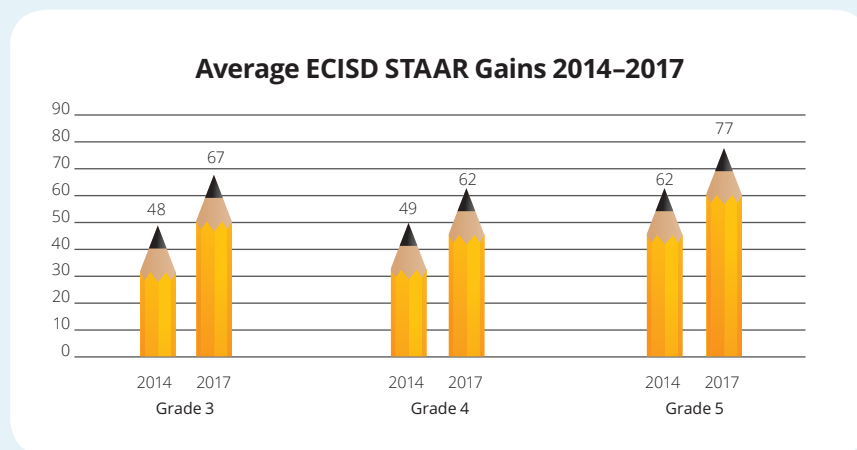
Teacher Created Materials (TCM) partnered with the Ector County Independent School District (ECISD) in Odessa, TX beginning in 2014 to implement the Guided Math Framework in K–5 classrooms in all 28 elementary campuses in the district.

ECISD purchased a suite of Guided Math professional resources from Teacher Created Materials, as well as additional supplemental products to fully support teachers throughout the implementation.

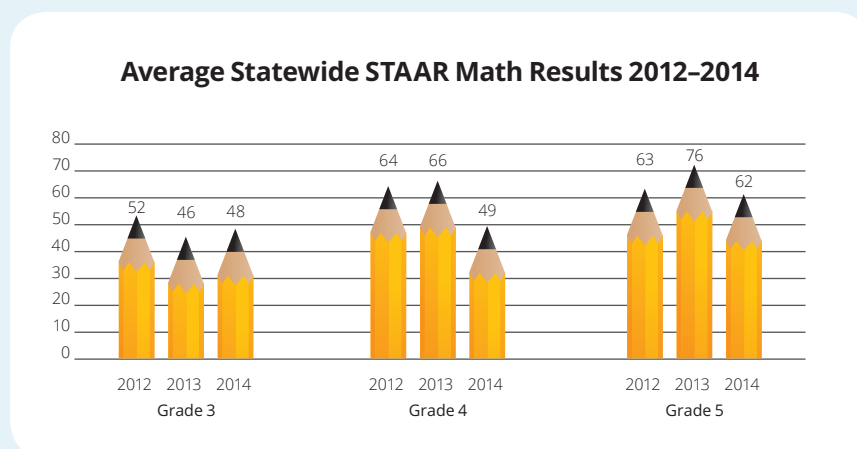
One of the key resources purchased and used by ECISD teachers and students was *Mathematics Readers*. This resources includes leveled books with lessons that address both reading/literacy standards and mathematics standards to improve students' comprehension of content-area texts and to enhance the application of mathematics understanding and problem solving.

Results

In reviewing the STAAR (State of Texas Assessments of Academic Readiness) mathematics data for the period 2014 – 2017, students in ECISD made gains in their math scores ranging from 15 to 19 points across the grade levels. The graph below shows the average gain over the 3-year period for grades 3, 4, and 5.



This overall gain is significant because between 2012 and 2014 the average statewide scores for these same grade levels declined (see graph below).



So, the gains realized since the implementation of the Guided Math Framework supported by *Mathematics Readers* represents an encouraging growth trend.