## STAAR Report Card Math Badge Technical Guide

## How is the Math Badge designation determined?

The STAAR grades 3-8 math scale scores are placed on a vertical scale, allowing for score comparison between grades. The performance levels on the grade 8 math assessment are aligned with those on the Algebra I assessment and therefore, can be used to evaluate a student's readiness for meaningfully engaging in advanced math courses. The scale score required to achieve Masters Grade Level on the STAAR grade 8 math assessment (i.e., 2009) is used to determine whether a student's grade 5 (English or Spanish), 6, or 7 math score receives the Math Badge.

A student's math score is deemed eligible for a Math Badge when the following criteria are met:

1. Must not have taken the Algebra I assessment in this Spring administration and
2. Must have received a valid reported scale score of 2009 or higher on the grade 5 (English or Spanish), 6, or 7 math assessments.

For example, if a grade 6 student took the grade 6 math assessment and received a scale score of 2009 or higher, the student would receive a Math Badge on his/her STAAR Report Card.

Do all grade 5, 6, and 7 students who achieve Masters Grade Level on their math assessment receive the Math Badge?

No. Students who achieve certain scale scores within the Masters Grade Level range receive the math badge. These ranges vary by grade level.

- Grade 5: Scale Score 2009-2200
- Grade 6: Scale Score 2009-2350
- Grade 7: Scale Score 2009-2400

