

Middle School Ascend Math® 2009 – 2010

Goal :

Judson ISD Secondary Mathematics Department has a goal to increase mathematical understanding among students who did not meet expectations on the 2009 TAKS test. To accomplish this goal, the Secondary Mathematics Department purchased 200 licenses from Ascend® for each middle school school to provide interventions for these identified students.

Models of Implementation:

Each middle school was given the opportunity to design and implement a model of instruction using the Ascend® program. Each school designed a unique plan that fit their campus. Because Ascend® is web-based, it is accessible anywhere there is an internet connection. Two of the 4 different models of implementation are as follows:

Kitty Hawk Middle School:

- One math computer lab with 14+ computers
- Three remediation teachers, 6th – 8th
- Teachers created a schedule that allowed them to visit the computer lab on a rotating basis.
- The classes that were not in the computer lab would receive math instruction often times utilizing Ascend® videos and problems.

Woodlake Hills Middle School:

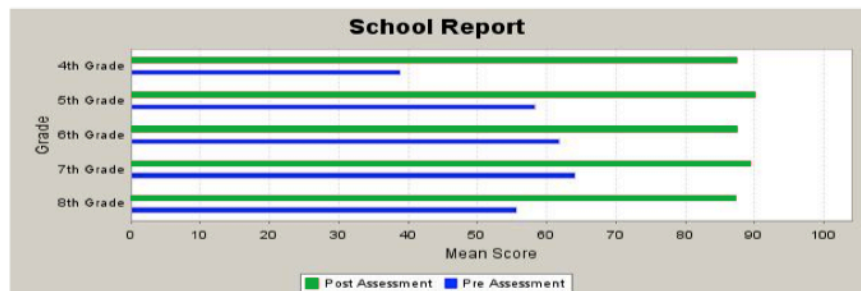
- One math computer classroom with 10 computers and another with 4 computers
- Classroom with 10 computers created a schedule for students to rotate within the class time to receive equal amounts of direct teaching and computer time.
- Classroom with 4 computers created a similar rotating schedule with a more defined approach to interventions.
- The students that were not using Ascend® were receiving instruction from the teacher.
- In order to provide interventions for RTI, WHMS provided tutoring for tier 2 and tier 3 students before and after school using Ascend®

Results:

Ascend® generates color reports for different purposes. The most widely viewed report for JISD is the Progress Report. At Judson ISD, it is of utmost importance to ensure that student success is at the core of our efforts. Below is a sample of Judson's growth from implementation until present:

JudsonISD Progress Report

Grade	Number of Students	Mean Score Pre Assessment	Average Time On Task Per Student	Mean Score Post Assessment	Gain in Score*
4th Grade	38	38.9%	00:52:53	87.5%	45.5%
5th Grade	274	58.4%	02:22:03	90.2%	31.2%
6th Grade	66	61.8%	03:28:49	87.5%	25.9%
7th Grade	59	64.2%	03:36:05	89.6%	27.0%
8th Grade	32	55.6%	02:48:04	87.2%	37.9%



The mission of Judson ISD is to ensure that all students will obtain a quality education, verified by objective measures, that enables them to become productive, competitive citizens globally, socially, economically, and educationally.

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For more information go to www.AscendMath.com