

ESD MATH, SCIENCE, & ENGLISH LANGUAGE ARTS COORDINATOR SERVICES



With legislative support and working within the OSPI/AESD Partnership for an Aligned System; Regional Math, Science, and English Language Arts Coordinators are employed in each of the nine Educational Service Districts to support the implementation of the Washington State Learning Standards, improve instruction, and raise student achievement.

IMPACTING TEACHER PRACTICE BY THE NUMBERS

“This professional learning experience helps our district’s teachers build conceptual understanding in teaching mathematics and how to implement new strategies in our classrooms that allow students a new and deeper experience as learners.”

TEACHER LEADER
MATH

ESD Coordinators provided intensive training and support for over 16,000 teachers from across Washington State. Through the OSPI/AESD Network, teachers are being reached through direct professional development and receive additional support from coordinator trained regional fellows and teacher leaders.

In addition, participating teachers have historically served a higher percentage of students who qualify for free or reduced lunch compared to the state average. Given the known achievement gap in performance between students in poverty compared to those who are not, the data demonstrates a positive outcome showing these students are being served at higher rates.

TYPE OF TRAINING	2014-15 EDUCATORS SERVED	2007-2015 EDUCATORS SERVED
Math	5,293	12,663
Science	5,056	9,020
English Language Arts & Social Studies	5,939	7,490
Total	16,288	29,173

As a result of participating in training:

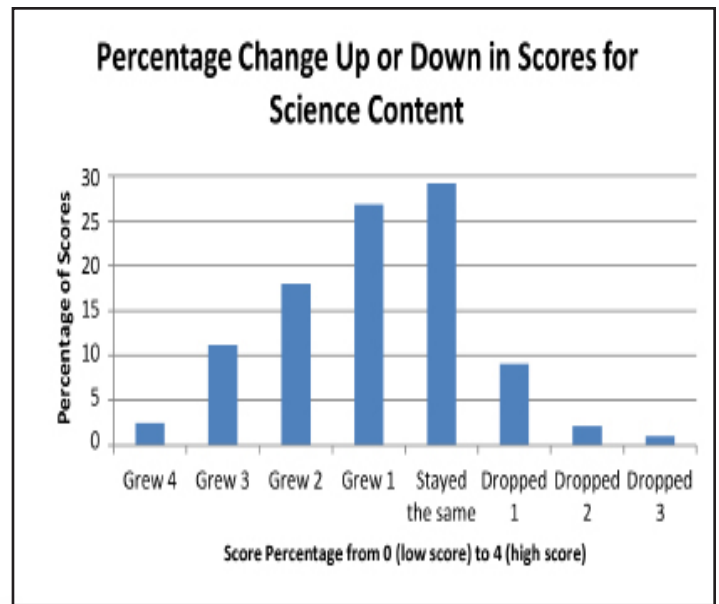
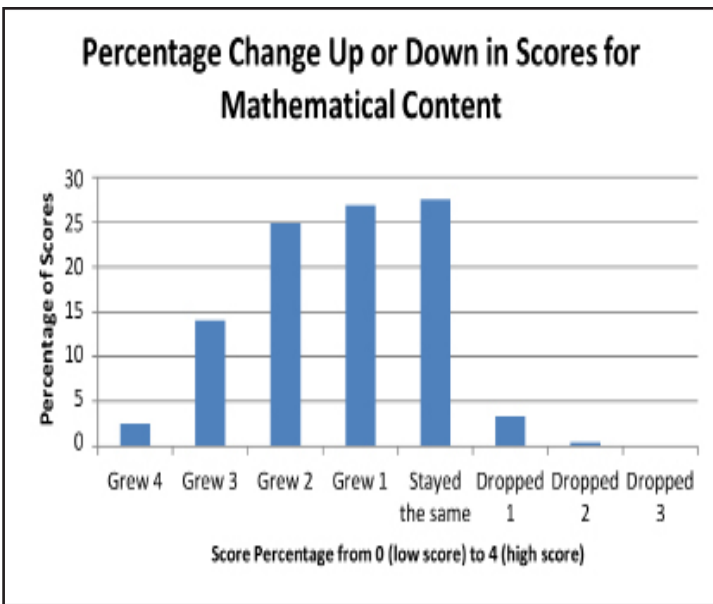
- 92 percent of the participants strengthened knowledge and skills in instructional practices.
- 88 percent of the participants increased understanding of the standards.
- 86 percent of the participants deepened content knowledge.
- 92 percent of the participants grew in capacity to share session with others.



“I have a better understanding of how my students learn, specific struggles they have and how I can help them become better readers and writers.”

FIRST GRADE TEACHER
ENGLISH LANGUAGE ARTS

Coordinators engaged in a process to ensure a valid and reliable system to sample and measure student learning. They identified assessments from credible sources (e.g., Smarter Balanced released items), and reviewed them for validity for targeted standards. They then trained teachers to implement strategies, conducted the assessments, engaged in an audit of scores to ensure comparability and gathered student performance data. The 2014-15 school year was a transition between former Washington State standards and the implementation of Washington State Learning Standards. In addition, schools transitioned from former statewide assessments to Smarter Balanced Assessments.



The vast majority of students improved their scores in Reading, Writing, Math and Science by **1 or more points or maintained** their score between pre- and post-assessments.

The charts are based on a sampling of teachers. Time and capacity didn't allow using pre- and post-assessments with all teachers involved in professional development. However, it provides a significant sample to address the benefit of the trainings. ELA piloted the process this year, indicating similar trends as Math and Science.

RESULTS SHOWED
CONSISTENT GROWTH
ACROSS SUBJECTS AND GRADES



AESD ASSOCIATION OF
EDUCATIONAL
SERVICE DISTRICTS