



Weave Your Web

SPIDER LEARNING, INC. ONLINE RESOURCE BUNDLES

2018-2019 SUMMARY REPORT

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SPIDER LEARNING, INC. ONLINE RESOURCE BUNDLES

Online Resource Bundles (ORBs) are designed to support teachers as they strive to create opportunities for innovation in their classrooms. Packaged into flexible units of study, teachers can assign desired instructional activities and digital content to their classes, groups of students, or individual students, based on their learning needs. These needs can be identified real time via a combination of our Single Objective Diagnostic Pre-test and the real time visual tracking through the Classroom Command Center.

MIDDLE SCHOOL BLENDED CLASSROOM USAGE

OBJECTIVE

Middle School classroom teachers use Online Resource Bundles along with our proprietary Classroom Command Center to implement various Blended and Personalized Classroom models.

STRATEGIES IMPLEMENTED –

DYNAMIC DIFFERENTIATION

- Diagnostic Peer Grouping
- Diagnostic Peer Instruction
- P-to-P Transition Lecture

FLIPPED CLASSROOM

- In-class Flipped
- Standard Flipped

FLEXIBLE PLAYLIST

- ORB as Playlist
- 2-day Playlist to Dynamic

PROJECT BASED W/ INTERDISCIPLINARY CONNECTIONS

Download the [“ORB Based Personalized Learning Models”](#) infographic for a Visual Representations of these Strategies.

DATA DRIVEN INSTRUCTIONAL DECISIONS

Teachers designed and adjusted individual strategies based off of a combination of District approved templates and pedagogical practices. The primary focus for all of the classroom models was utilizing Real Time Diagnostic Data (accessed via the Classroom Command Center) to drive individualized instruction involving a combination of Spider Learning’s Leveled ORBits, Open Educational Resources and On the Fly Teacher Intervention.

ENROLLMENT NUMBERS AND RESULTS

Middle School ORBs had 17,301 enrollments in core subjects (Math, ELA, Science and Social Studies) during the 2018-2019 School Year. Approximately 35% of these enrollments were students enrolled in Mathematics only (6-8, Algebra 1); the majority of the remaining enrollments were students enrolled in 3 or 4 core subjects total. Data below for Middle School includes summary results that were reported to Spider Learning from approximately 68% of our clients.

REPORTING OF RESULTS

(Note that the demographics of our clients do not necessarily match the entire state population)

Math: *Approximately 77% of tested students received Advanced or Proficient compared to approximately 36% state average;*

ELA: *Approximately 73% of tested students received Advanced or Proficient compared to approximately 62% state average.*

ANALYSIS OF RESULTS

Student results were analyzed where;

- a) state testing occurred; and
- b) there was data for the student on similar tests in prior years.

Math: *Approximately 85% of the students increased **at least one** level of proficiency from prior testing results.*

ELA: *Approximately 71% of the students increased **at least one** level of proficiency from prior testing results.*

HIGH SCHOOL ALGEBRA 1 BLENDED CLASSROOM PILOTS

OBJECTIVE

Utilize Spider Learning's Algebra 1 Online Resource Bundles and our Classroom Command Center to increase student engagement and time on task during scheduled time in the classroom.

PROCESS

OBSERVATION

Multiple classroom observations were conducted prior to the roll out of ORBs to serve as a baseline. Focus of the observations were to identify the total time students were **actively engaged with learning** Algebra 1 content.

PLANNING/IMPLEMENTING

Classroom teachers designed strategies where students were able to focus on maximizing their time engaged with learning new content via our digital resources (ORBs). This would ensure students always had appropriately leveled resources to keep them focused and engaged, while simultaneously allowing the teacher to monitor their live performance data by using the Classroom Command Center. When the teacher determined a student needed support based on the Command Center dashboard they would intervene and support that student.

ONGOING OBSERVATIONS

Observations occurred periodically throughout the year and a significant increase in focused learning was reported in all instances. One teacher coined the phrase, "My students can't hide anymore!" when asked about the new learning model.

PILOT BREAKDOWN & RESULTS

96 High School Algebra 1 enrollments;

- 87 students were below basic or basic on previous high stakes math exams when entering high school (*this is high due to Algebra 1 being offered at the middle school level for advanced students*);
- 7 students had no previous testing data;

98.9% participation rate on State mandated exit/competency exam (95/96);

77 HS students passed (ie. proficient or advanced) the algebra exam;

- Approximately an 81% pass rate;
- Up from normal school rate of about 65-70% for the 2 high schools involved;

89.5% of the students increased **at least one** level of competency when compared to their previous performance levels on state math tests.

SUMMARY

The Spider Learning, Inc. Online Resource Bundles and Classroom Command Center allow students to engage with content in a modern, personalized way. This ensures more time on task, which translates into more learning and higher test scores. To learn more about how ORBs and the Classroom Command Center can empower learning in your school please contact us at info@spiderlearning.com for a demo or check out the basics at www.spiderlearning.com.

2018-19 FAVORITE CLIENT QUOTES:

- "I am more efficient at planning because I know what's available."
- "I love the daily diagnostics and live data!"
- "My students love the videos and I love how they make connections to their previous knowledge."
- "I like the short bits of scaffolded instruction."
- "My students can't hide anymore...I mean there really is nowhere to hide!"
- "Engagement, Engagement, Engagement!"
- "You have to check it out, It's the best science curriculum I have ever seen."
- "The availability of ORBs saves our teachers time; they can teach instead of gathering resources."
- "With so much data it is easy to know where and when to intervene."

SUPERINTENDENT QUOTE OF THE YEAR:

- "I kept looking at the results thinking there had to be something I was missing."