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## Chamberlain High School Summary

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A high school resource teacher with training in the Reading Horizons method piloted the Reading Horizons (RH) interactive software with 32 students. Of these participants, 16 students had an individualized education plan for specialized instruction and 16 students had limited English proficiency (ELL). The Word Recognition Assessment included in the Reading Horizons software, was utilized to measure student growth. In this assessment, students read word lists of increasing difficulty and receive a score based on corresponding grade-level equivalents. Levels on the assessment range from 0.0 to 12.0. Pre- and post-test scores for all of the students were gathered before and after the students had used the Reading Horizons interactive software. Data from 32 students were included in the analysis.

### Findings:

- Every student in the study demonstrated gains
- Outcomes for special education group
  - Prior to RH instruction
    - students could read words at a 5<sup>th</sup> grade level, on average
    - the lowest performing student read words at the 2<sup>nd</sup> grade level
    - the highest performing student read words at the 11<sup>th</sup> grade level
  - Following RH instruction
    - students could read words at a 9<sup>th</sup> grade level, on average
    - the lowest performing student read words at the 5<sup>th</sup> grade level
    - the highest performing student read words at the 12<sup>th</sup> grade level
    - average gains for the group was 3.5 grade levels
- Outcomes for the ELL group
  - Prior to RH instruction:
    - students could read words at a 3<sup>rd</sup> grade level, on average
    - the lowest performing student read words below the 1<sup>st</sup> grade level
    - the highest performing student read words at the 8<sup>th</sup> grade level
  - Following RH instruction:
    - students could read words at an 8<sup>th</sup> grade level, on average
    - the lowest performing student was able to read words at the 3<sup>rd</sup> grade level
    - the highest performing student was able to read words at the 12<sup>th</sup> grade level
    - average gains for the group was 5.25 grade levels

Progress measured by the Word Recognition Assessment (Scores correlate to grade level)			
	Pre-Score Average [Range]	Post-Score Average [Range]	End-Gain
Special Education	5.54 [2.0 to 11.0]	9.05 [5.0 to 12.0]	3.51 [1.0 to 5.6]
Limited English Proficiency	3.43 [0.3 to 8.5]	8.68 [3.8 to 12.0]	5.25 [2.1 to 9.0]