

Develop Response to Intervention Tests to Accompany a K-12 Online Curriculum System

Client. Curriculum Advantage

The Challenge. Curriculum Advantage offers an innovative online curriculum, ClassWorks, for use in schools at the K-12 level. Recognizing the importance of high quality assessment to effective instruction, Curriculum Advantage asked SEG to help develop psychometrically sound brief assessments that can be used as part of Response to Intervention initiatives.

The Solution. SEG developed an assessment plan that provided detailed specifications for the short assessments (“probes”) which would accompany the ClassWorks system and be effective alongside current ClassWorks assessments including Universal Screeners that are used to initially screen students and determine their instructional needs and Benchmark-Progress Assessments that are used for periodic benchmarking of student proficiency and progress. Multiple field test forms of the probes for reading and math in grades K – 8 were developed according to the test specifications. The new forms were field tested with a population of more than 2,000 students in K-12 schools throughout the United States. Using both classical and Item Response Theory, SEG evaluated test and item performance and calibrated the bank of test items. Multiple parallel forms were developed and standards for proficiency were established.

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