

Qwizdom Student Response System & ReadySet Curriculum: Classroom Case Study Feedback

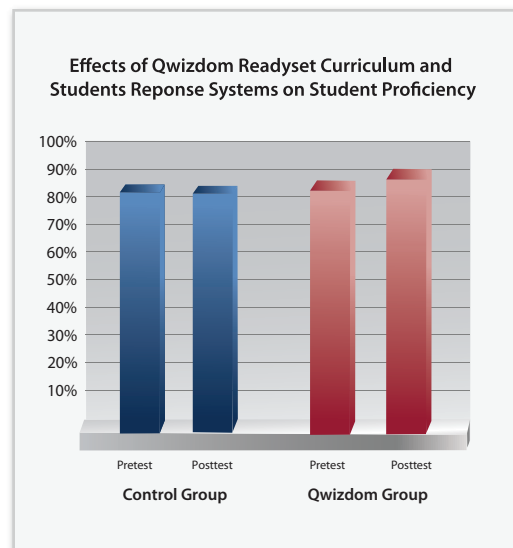
Overview:

I began the case study in January 2008 and carried it through until the first week of June 2008. The two groups selected for this case study consisted of two different classes with similar demographics. Both classes consisted of average students and superior cognitive students. We both taught our class the identical reading curriculum from our school district, and followed the same pacing guide. The only difference was that I also used the ReadySet Curriculum along with the Qwizdom Student Response System. I built the ReadySet Curriculum into my daily lessons. The majority of students enjoyed using the response system with a few who did not. All students liked the immediate feedback after each question. If a student missed a question they were able to ask questions immediately instead of waiting a day or two for the teacher to grade the papers and hand them back. This allowed discussions and clarifications for understanding the concept being taught. Overall, it was a very positive experience and students were enthusiastic about learning and looked forward to using the response system.

Data Analysis:

The Qwizdom group pretest scores consisted of an 83%, 88%, and 90% and the average score was an 87%. The control group had scores consisting of an 80%, 84%, and 91%, and the average score was an 85%. The Qwizdom group post test scores consisted of an 88%, 90%, and 91% with an average score of 90%. The control group scored an 87%, 83%, and an 86% for an average score of 85%.

When analyzing the data I was surprised to see that the **control group scored the same** for both the pre-test and post test. This indicates to me there wasn't any growth during the four month case study. The **Qwizdom group increased their scores by 3%**. This 3% could mean the difference between passing and not passing the Ohio Achievement Test (OAT). This increase showed growth among my students. What was impressive was when I analyzed individual students' scores. For example, the average score for student number 7311 increased from an 84% to a 94%. This student is an average student who has difficulty with reading. Using the Qwizdom Response System gave him the chance to ask questions and clarify for understanding. His growth was due to using the ReadySet Curriculum and Qwizdom.



OAT Data Analysis:

The average score for the Qwizdom group was 437.52 and the control group had an average score of 436.8. Students in the Qwizdom group performed at the following levels: 20% advanced, 16% accelerated, and 64% proficient. The control group performed at the following levels: 16% advanced, 36% accelerated, and 48% proficient. What was impressive was that my second highest scoring student scored a 476 on the 5th grade OAT, but barely passed the 4th grade reading OAT. Using the Qwizdom curriculum and remote system allowed this student to learn the material in a different way. This student looked forward to using Qwizdom every day. Also, student number 7311 scored very well and performed at the proficient level with a score of 432. This was another student who didn't do well on the 4th grade OAT but flourished on the 5th grade OAT. This is quite impressive considering how difficult reading was for this student. This student also liked using Qwizdom in the classroom. It was surprising to see that several of the students who performed at the high end of the proficient level were students who had a difficult time with reading and I was fearful of them receiving a low score. I truly believe that Qwizdom helped raise their ability to do well on the test. According to these students it helped to prepare them for the OAT.

Students' Responses to Using Qwizdom:

- » *In language arts, I thought that Qwizdom helped me on the OAT by covering concepts on the OAT. I liked it because it was a fun way to learn.*
- » *I think that Qwizdom really helped me because I learn a lot more when I'm having fun and Qwizdom was a new and fun way to learn. It was quick and new and it was very helpful on the OAT.*
- » *I liked the Qwizdom because it was really fun. It helped me on the OAT because it helped me understand stuff.*
- » *I liked the Qwizdom a lot. I think that they're a great way to learn. It also helped me on the OAT. When we reviewed again and again it stuck in my mind.*

- » *I think Qwizdom helped a lot on the OAT. It is more fun than tests. I would have gotten only half of the questions on the language arts OAT if we did not use Qwizdom.*
- » *I think that Qwizdom helped because the tests helped me to learn.*
- » *I enjoyed the Qwizdoms. I feel the language arts tests were helpful for the OATs.*
- » *I really like Qwizdom. It really helped for the OATs. It was a good way for studying. It helped a lot and it kept me remembering what I needed to know.*

Teacher Review:

- » Loved using Qwizdom with my students.
- » Provided immediate feedback.
- » If students did not score well on a question, it allowed me to re-teach immediately.
- » Using Qwizdom opened up class discussions on concepts that were difficult to understand.
- » Students, who did not like to participate, had a voice using Qwizdom.
- » The ReadySet Curriculum was very beneficial in teaching my lessons.
- » When using the ReadySet Curriculum, I was able to determine quickly who did not understand a concept and which students could move forward.
- » Using Qwizdom was beneficial for ADHD students. It kept them moving at a fast pace and didn't allow for down time. Instead of fidgeting, it kept the student preoccupied and focused.
- » Using Qwizdom allowed the curriculum to be covered in a shorter period of time.
- » Another important aspect of using Qwizdom was being able to view the progress of test questions. It allowed me to see which questions were missed the most and to determine where I failed in teaching a concept. I was also able to inform students of wrong answers and that they needed to check their work. It forced students to slow down and think about their answers. I found using an answer key was the best way for testing my students. It gave them the chance to take their time in answering questions and it allowed me to analyze questions immediately.

Thank you for giving me the opportunity to work with the Qwizdom Student Response System and ReadySet program. I am convinced that using response systems in the classroom are very beneficial for the students and for the teacher. This was a great opportunity for me, as well as my students.

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