

TechTales Grant (39241)

OUTCOMES:

Accessibility and Accommodations:

- Personalized Learning: iPads can provide personalized accommodations for students with different needs, ensuring a more inclusive testing environment. This included the use of the app Audio Exam Player, where students could listen to questions being read aloud through ipads with headphones to provide a personalized and individualized small-group experience.
- Adaptability: iPads allow for more flexible and adaptive assessment methods, accommodating diverse learning styles and preferences.

Multimedia Integration:

- Multimedia: Students can use multimedia elements such as videos, images, and audio recordings to enhance their research projects, making them more compelling.

Real-Time Collaboration:

- Collaborative Tools: iPads enable real-time collaboration through apps and cloud-based platforms, allowing students to work together on research projects, share ideas, and contribute to the group's success.

Evidence:

The quizzes and tests in the red represent the quizzes and tests taken before the use of the ipads with small groups. The quizzes and tests in the green represent the use of ipads with small groups. As you can see from the chart, there has been marked improvement and student growth in students' test/quiz scores. One of the tools I am using with the ipads is a program called Audio Exam Player. In this app, I record the quiz or test questions and then broadcast it for students to hear. Students can control their volume, the speed, and the number of times they hear a question. This gives students access to the material in a more independent manner. Having access to these iPads has removed numerous hurdles with small group testing, including improved access to iPads for small group testing, better access for student's individual accommodations, and improved instructional time. With the use of the app on the ipads, students are able to hear the material for their quizzes and tests in my voice, the same voice they are learning the material with instead of a slew of different teachers (whoever may be available for small group testing).

Student	Unit 4 Quiz	Legislative Branch Quiz	Unit 7 Test	Amendments Quiz	Supreme Court Quiz	Judicial Branch Test
1	80%	84%	82%	84%	94%	97%
2	52%	50%	50%	68%	70%	84%
3	60%	50%	73%	72%	88%	79%
4	60%	50%	50%	72%	52%	82%
5	68%	68%	85%	96%	94%	85%

Students were also able to utilize the iPads for a research project. Eighth Graders created digital exhibitions on technology from the early 1800s. This project required students to create digital websites as a class - each student was responsible for a single page. Students researched and analyzed primary source materials as well as secondary source research to enhance their learning and understanding of a technology that impacted America in the 1800s. The use of ipads allowed students to see what the websites would look like on tablet settings as well as to collaborate and work seamlessly on a project that required group collaboration. I have attached the links for their final projects below:

Block 2 - <https://sites.google.com/seasideschools.net/block-2/home>

Block 3 - <https://sites.google.com/seasideschools.net/block3-2024/home>

Block 5 - <https://sites.google.com/seasideschools.net/block5-2024/home>

Students will continue to utilize the iPads for virtual tours and maps utilization plus additional research projects as we continue through the school year.