

The Walker School Story

Interactive Cases Aid Students in Developing the Skills They Need to Acquire - Problem Solving, Synthesizing, Interpretation, and Application Skills

The Walker School

Located nearly 25 minutes outside of Atlanta, the Walker School is a college-preparatory independent school in Marietta, Georgia, for families seeking an engaging educational experience within an intimately scaled, caring and diverse community.

School Profile

Students: 983 High School: 364

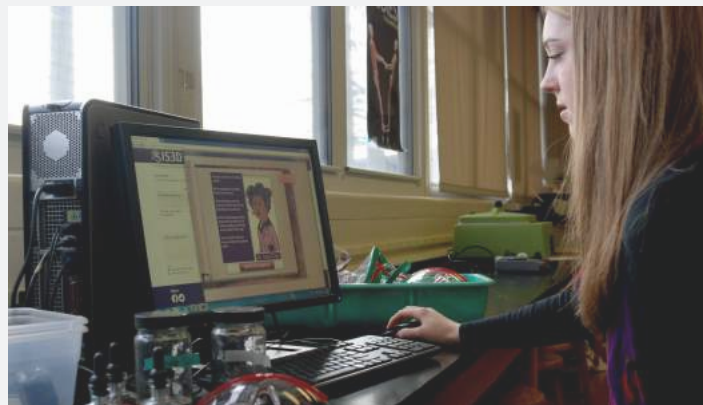
Grades: K-12

Suburban

<http://www.thewalkerschool.org>

Student Population

Walker has 100% matriculation to college and the Class of 2014 boasts 12 National Merit Commended Students.



The Walker School Aims High

At the Walker School, their goal this year was to improve their student's science ACT scores and continue to ensure 100% of their students go on to college. Ms. Denice Esterly, the AP Biology teacher, was looking for a tool that would help address the new requirements of her redesigned AP Biology course, which focused on problem-solving and critical thinking.

“The Interactive Cases are teaching the skills to take content knowledge and apply it to an actual real world problem and that’s what I need.” - Ms. Denice Esterly, AP Biology Teacher

Real-Time Interactivity

In the Osmosis Interactive Case, students take the role of a veterinarian who must help a young calf, named Clark. Clark is having seizures secondary to over-hydration. To determine what is causing the seizures, students “fly into” Clark’s brain to explore key elements of the environment. Students must predict which treatment option will work best, with three possible treatments - hypotonic saline, isotonic saline and hypertonic saline.



“I thought I wanted to be a vet. Now I know for sure!” Student using the Osmosis Interactive Case

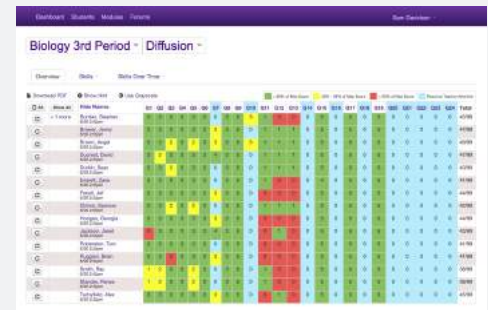
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“The high quality graphics and real world stories used to design the Interactive Cases make them much more thought-provoking for the students than traditional teaching materials. I have found that my students become much more personally invested in the lessons and feel a sense of accomplishment that they don’t typically display in the classroom. They re-energize my interest in teaching the concepts as well. It’s the most engaging program that I’ve ever seen!” - Ms. Denice Esterly, AP Biology Teacher (Pictured above)

Monitoring Students’ Critical Thinking Skills in Real-Time

Ms. Esterly uses the Interactive Cases after she teaches a concept to review and ensure they really understand the topic. Every time she uses the Interactive Cases, each student is engaged and they are excited about learning. She is able to rely on instant feedback through the SABLE classroom monitoring analysis tool. Seeing the dashboard of green, yellow and red helps her immediately identify who is struggling. She can immediately apply the data and can address the situation in real-time.



“I’ve never had so many dots connecting at one time!” - Student using the Interactive Case