

Podcasts



Swift Apple™ Coding students are harnessing their creativity and communication skills by creating podcasts. These podcasts are then shared with the entire school community, allowing students to showcase their work and share their ideas with their peers. Through this project-based learning approach, students develop not only their technical skills but also their ability to express themselves effectively and engage with their audience.

Sample Podcasts

3D Printing

<https://youtu.be/a7vi00pG9xo>

Technology Through the Ages

https://youtu.be/vEriSYn_iTI

Technology in Music

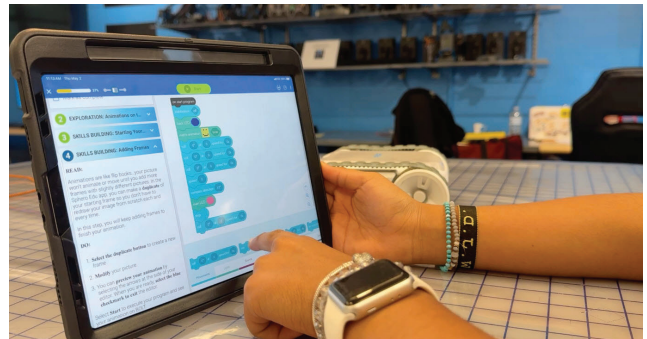
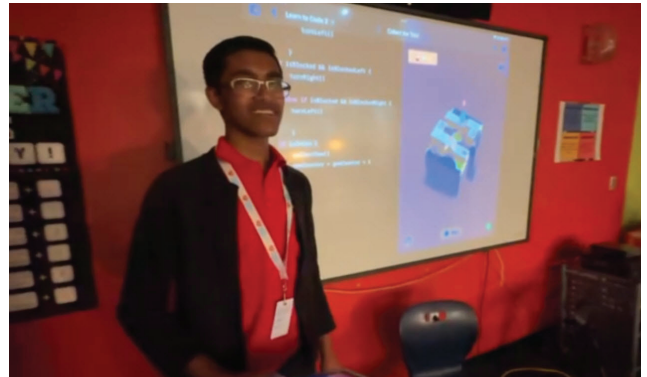
<https://youtu.be/a7vi00pG9xo>

Technology in Sports

<https://youtu.be/VU5lVg9U1V8>

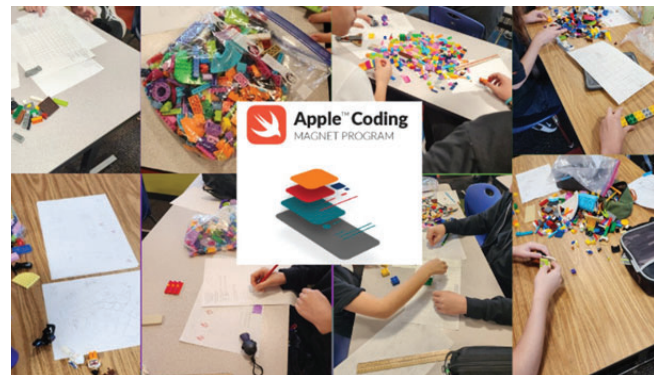


Students in the Swift Apple™ Coding program are honing critical thinking, problem-solving, and creative skills essential for success in any field. This program empowers students with the tools, knowledge, and confidence to navigate the digital landscape, pursue their dreams, and make an impact in our increasingly technology-driven world.



Swift Apple™ Coding students dive into the world of coding with Swift Apple using Playground. Through interactive and hands-on activities, they are refining their coding skills, fostering creativity, and gaining valuable experience in app development.

Swift Playground with Legos



Legos are used to design coding steps which students later use as a design platform using the Swift coding app. Legos serve as a 3D blueprint to give students a visual manipulative before sitting down and creating code.



Academy of Legal Studies (HALS) Pre-Law Magnet

Middle School Mock Trial Competition

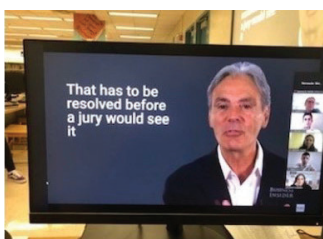
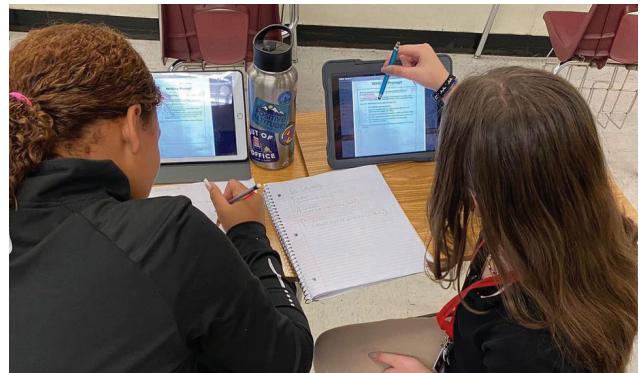


The Pre-law Magnet classes work with Florida International University Law students and judges to prepare for mock trials. Their English Language Arts teachers put literary characters on trial, so they may practice courtroom procedures. The Social Studies teachers focus on arguing the landmark Supreme Court cases, and by doing so, prepare for the State Civics Assessment.

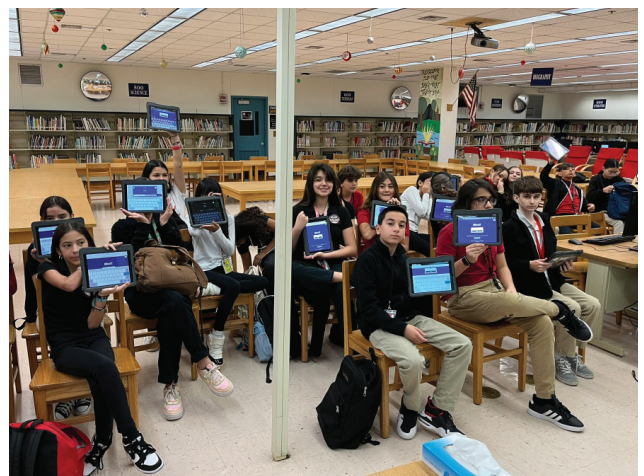
Students analyze social behavior within the justice system, explore forensic investigation techniques, and research various justice careers such as sketch artistry and detective work. They collaborate with law enforcement, utilize forensic kits, attend professional presentations, evaluate the application of political science, and participate in crime scene reconstruction.



Pre-law magnet students are equipped with iPads to conduct case research, prepare arguments, and record mock trials. They utilize iMovie to edit their trial recordings, therefore perfecting their presentation skills for state competitions.



Florida International University (FIU) Law School hosts virtual presentations each month where retired State judges take students through the steps involved in trial proceedings, while the FIU Law students mentor the pre-law magnet students.





Professional Learning & Community Partnerships

Professional Learning



Professional learning with the Student Tech Team and technology teacher focuses on equipping educators with the latest technological skills using iPads. These sessions provide teachers with hands-on learning to effectively integrate new technology into their curriculum.

Apple Store Workshops



The district's technology coaches also organize specialized training sessions at the Apple Store, where teachers have the chance to learn directly from Apple experts, gaining in-depth knowledge of iPad features and applications. Collaborating with other iPad schools, educators come together for these sessions, fostering a community of practice and shared learning.

Teachers receive specialized training in the Blended Learning model to integrate iPads across the curriculum through hands-on workshops. These programs equip educators with the tools to create engaging, personalized learning experiences and conduct real-time assessments. iPads help differentiate instruction for various learning styles and foster collaboration on projects. Additionally, they provide access to online resources and multimedia content, enriching lessons and keep students motivated. To further support student success, these programs also encourage family involvement with technology, providing resources and guidance to help families engage with their children's learning.

Family Innovation Nights



Monthly Family Innovation Nights are dynamic events where students and teachers collaborate to educate families on the effective use of iPads and classroom applications. During these sessions, teachers and students demonstrate how iPads are integrated into daily learning activities, showcasing various educational apps and interactive tools used in the classroom.





Science



In science classes, students use iPads to explore scientific concepts through augmented reality, allowing them to visualize complex phenomena interactively. They can also perform virtual dissections, providing a hands-on experience with anatomy and biology without the need for physical specimens. This technology enhances understanding and engagement in scientific learning.

Mathematics



In Mathematics classes, students use iPads to access interactive apps and digital tools that aid in understanding complex concepts, performing calculations, and visualizing data. These resources enhance engagement and provide personalized learning experiences, helping students grasp mathematical principles more effectively.

The integration of one-to-one Apple iPads for all students and teachers, complemented by Apple TVs and ongoing professional learning, has significantly transformed teaching and learning. This technological shift has made instructional apps essential for collaborative planning and incorporated the Blended Learning philosophy to enhance educational experiences. Virtual field trips via Apple TVs and Discovery Education are now commonplace, and students enjoy greater choice in their assignments, fostering creativity and independent learning. These advancements have collectively led to a more dynamic, interactive, and personalized learning environment.

English Language Arts



In English Language Arts classes, students use Apple Books to create and publish original literary works, fostering creativity and writing skills. They also use Apple Pages for note-taking, organizing their thoughts and class materials efficiently, enhancing their learning and comprehension.

Electives



In elective classes, students use Apple Keynote to design and deliver engaging presentations, enhancing their communication and presentation skills. They also use GarageBand to compose and produce original musical pieces, fostering creativity and providing hands-on experience with music production.