



FLORIDA INVENTORS HALL OF FAME

IGNITE

EDUCATION & COMMUNITY OUTREACH

A flexible invention curriculum for students in grades 3-8!

Innovators Unleashed! A Journey From Spark to Shark



This program guides young innovators through the entire process of invention, from the initial spark of an idea to presenting a polished product. Students will engage in creative problem-solving, learn about the basics of intellectual property, and develop essential skills for pitching their innovations, all while exploring how technology can address real-world challenges. This unit is perfect for sparking curiosity and fostering the next generation of young inventors.



DOWNLOAD FREE UNIT HERE:
<https://bit.ly/InventHere>



L1: Inspiration

Students explore the concept of invention and innovation by identifying problems in their lives or communities, starting with an "Invention Walk About" and recording observations in their Inventor's Notebook.



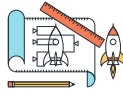
L5: Patenting & Commercialization

Students explore existing patents to determine if their invention is original and conduct research on patent databases to understand the commercialization process.



L2: Research

Students conduct research to fully understand the causes of their identified problems, including online searches, surveys, and interviews, to prepare for developing effective solutions.



L6: Prototyping & Refinement

Students articulate claims about their invention, gather peer feedback, and refine their design to strengthen the validity and effectiveness of their solution.



L3: Ideation

Through creative brainstorming techniques like "Wishing," students generate and refine potential solutions, focusing on one feasible design to address their specific problem or need.



L7: Pitch & Present Prep

Students prepare a compelling pitch and design an informative display board, applying their new knowledge to present their invention's significance and impact.



L4: Planning

Students create a detailed plan for their invention, outlining necessary materials and identifying possible collaborators to bring their idea to life.



Pitch Showcase

Similar to the show "Shark Tank" allow your students to present their idea to a panel of judges. These could be parents, educators, or community members.