



Thomas Edison's Secret Lab

Presented by **betty brinn**
CHILDREN'S
museum

This new 1800 sq. ft. traveling exhibit experience explores the fascinating ways science shapes our everyday lives. Extended through Fall 2025

Angie, a 12-year old science prodigy, and her friends (including Thomas Edison, the great inventor) welcome visitors to their secret lab to have fun while exploring how science influences our lives. Developed in partnership with Genius Brands International, Inc., the Thomas Edison's Secret Lab exhibit will bring the series to life and emphasize that STEM is everywhere.

Highlighting Next Generation Science Standards and other standards-based curriculum, Thomas Edison's Secret Lab is full of science facts and hands-on activities that showcase scientific inquiry, creativity and collaboration. And, it's fun!

- A 1,800 square foot exhibit with a flexible footprint
- Visitor and field trip programming guide and marketing materials to support your rental
- Bilingual English/Spanish signage



Experiment with **electricity, magnetism, optics, sound waves, and air pressure**

Operate the classic **six simple machines** - the lever, inclined plane, pulley, screw, wedge, and wheel and axle

Explore a **giant interactive Periodic Table of Elements**

Investigate **materials science** and how we use natural and human-made substances

Learn **basic coding activities and computer science vocabulary**

Videos, graphics and digital resources complement the exhibit's interactive learning stations and highlight innovative work happening around the world in a variety of STEM-related fields.



The Secret is OUT!

Contact Stacie Clough for more information: 414-291-0888, ext. 239 sclough@bbcmkids.org

STEP INTO The Lab and be inspired by the animated series and the brilliant work of Thomas Edison.



Engaging kids in STEM learning, *Thomas Edison's Secret Lab* offers unique, hands-on experiences that introduce STEM concepts, build enthusiasm for related education and careers, present engaging opportunities to actively participate in the scientific process, and highlight some of the greatest scientists and innovators from throughout history who have inspired us all with their ground-breaking discoveries.



Discover invisible forces that seem more like magic than science! Experiment with **electricity, magnetism, optics, sound waves and air pressure**, and the fun physics laws that shape the world around us.



Manipulate the classic **six simple machines** designed by Renaissance scientists to make our work easier – the lever, inclined plane, pulley, screw, wedge, and wheel and axle – with hands-on activities that illustrate math and physics concepts hard at work.



Study a **giant interactive Periodic Table of Elements** for an eye-opening look at chemistry. Make the connection between raw elements and how we put them to work for us.



Investigate **materials science**, how we use natural and human-made substances and learn more about their properties. Take the touch-screen design challenge by selecting the materials you think will be best to get the job done, and then document your findings at the blogging station.



Learn basic **coding** with a fun introduction to no-tech, low-tech and high-tech ways to use technology as a tool and other experiences that introduce applied science.



Videos, graphics and other digital resources complement the exhibit's interactive learning stations and highlight innovative work happening in fields from around the world – from artificial intelligence, to recycling, to medicine, to farming. Project challenges and games will help build enthusiasm for STEM early on and inspire the next generation of inventors!

***Thomas Edison's Secret Lab* was developed using national developmental standards for early learners and academic standards for school-age children and is especially engaging for children ages 2-12. The exhibit includes signage, presented in both English and Spanish, to help adult caregivers maximize learning, and communicate the importance of STEM education to a child's individual academic success and future career opportunities. The exhibit will benefit families, community organizations and school groups, and serve as a meaningful platform for introducing visitor programs, facilitated workshops and events that reflect the exhibit's rich educational content and ability to spark STEM learning for a broad range of audiences.**