

The National Inventor’s Hall of Fame invites you to spend a week in activities that encourage innovative thinking through invention. Invention education invites participants to discover, or “invent,” their own solutions. This active approach to education places students in control of their learning and encourages them to follow their interests and passions.

Getting started is easy with activities organized by grade-bands and links to lessons and resources. Additional resources have been provided to help to continue exploring through the remainder of STEM Education Month and the year.

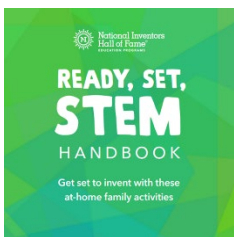
We’d love to see and hear about your learning. Post to social media #SCSTEMMonth

Have fun!

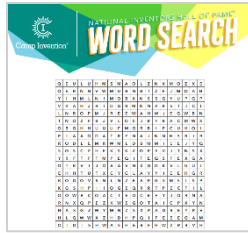
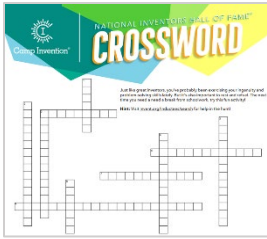
	Elementary	Middle	High
Monday	<p>Understanding Prototyping in Invention</p> <p>One of the first gaming consoles ever created was developed by National Inventors Hall of Fame® (NIHF) Inductee Ralph Baer.</p> <p>In this fun, hands-on STEM activity, children celebrate National Video Game Day as they design a prototype of their very own video game console, develop a comic inspired by a video game and more!</p>	<p>Reverse Engineering with Take-Apart</p> <p>In this hands-on STEM activity, children explore the inner workings of everyday items around the home in order to better understand how they function!</p> <p>Guided STEM activity via pre-recorded webinar to maximize access and engagement. Extension activities provided for more engagement after webinar.</p>	<p>Women as Role Models: NIHF Inductees</p> <p>According to Smithsonian.com, “The introduction of the sports bra did more than improve athletes’ performances. It represented a revolution in ready to wear clothing, and for many women athletes, the bra actually made sports possible.”</p>

	Elementary	Middle	High
Tuesday	<p>Explore These STEM-Focused Podcasts – Develop Your Own</p> <p>Explore these STEM-focused podcasts, develop your own to help others learn about STEM.</p>		
Wednesday	<p>Super Senses Challenge Design a prototype of your own super sense kit.</p>	<p>Wildlife Engineering Design Challenge Design a new park where people can have fun and animals can thrive!</p>	<p>The National Inventors Hall of Fame® honors the visionaries whose patented inventions have changed our world. We rely on a panel of experts in science, technology, engineering, and patents to evaluate each nominee. And we are inviting you to submit a nomination!</p> <p>Step 1 Research an invention and the inventor that you think has changed our world for the better.</p> <p>Step 2 Search the National Inventors Hall of Fame database here to see if she/he has already been inducted.</p> <p>Step 3 If you found your inventor in the database repeat Step 1 and Step 2. Once you find an inventor who has not been inducted move to Step 4.</p> <p>Step 4 Complete the online nomination form.</p>
Thursday	<p>X-Ray Exploration Learn about animals from the inside out! Match X-ray images of skeletons to their animal counterparts, and then create a new skeleton of your own design!</p>	<p>Ocean Clean Up Device Challenge Reduce pollution by inventing ways to remove waste from the ocean, while making sure that the marine life remains unharmed.</p>	
Friday	<p>Explore how inventors have used nature to inspire new technologies.</p> <p>Using nature as your inspiration, design a new invention for your home, school or community.</p>	<p>Hydro Dipped Science Gift</p> <p>Explore the Archimedes principle which states that “the buoyant force on an object submerged in a fluid is equal to the weight of the fluid that is displaced by that object.”</p>	

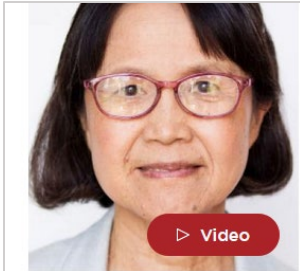
Additional Resources to Explore



Download this STEM Handbook filled with 11 engaging STEM activities using everyday household items.



All great inventors need time to rest and refuel. The next time your students need a need a break, try these fun (and educational) activities! Recommended for Grades 4-8.



Margaret Wu
Synthetic Lubricants

Explore the video library of new inductees. Meet inventors living and past and learn more about how their inventions impacted our world.