



THE CAMP INVENTION DAILY SESSION 2

HERE'S WHAT'S HAPPENING AT CAMP!

ROAD RALLY

We merged into the fast lane today as we explored the science behind the way some animals move, like hydraulics, suction and spring-like muscles. These animal insights helped us gather more ideas for our transportation designs! Then we built and tested a propeller-powered vehicle! **Ask your automotive designer which animal motion they plan to incorporate in their vehicle.**

solarBot

It's time to see the world through a cricket's eyes — a day in the life of an insect! We solved riddles and searched for cricket food in a scavenger hunt while exploring many fascinating cricket characteristics. Then we focused our imaginations on the amazing anatomy of a cricket and built cricket-inspired inventions. **Ask your scientist to share their knowledge of cricket anatomy.**

OPEN MIC

Today, we heard stories of how different National Inventors Hall of Fame® Inductees have solved specific problems through invention. We applied the early phases of the Camp Invention Design Thinking Process™ to identify and explore a challenge or problem that we would like to solve. Then, we sketched and molded ideas for potential inventions. **Have your innovator describe the challenge they hope to solve.**

DUCK CHUCK

We built a device to reveal our duck's home pond and discovered some duck fun facts! Then, we built our duck launchers and tested the trajectory of objects to increase our accuracy. We explored how velocity, angles and trajectory work together when launching rubber ducks. **Have a conversation with your inventor about how they improved their launch accuracy today.**



Making Connections

Throughout the week in Road Rally, campers are exploring vehicles that can move on land and are prototyped to move in the air and in water. They look to nature for inspiration as they design their one-of-a-kind vehicles.

This type of investigation can continue at home! Make it a fun challenge to take everyday household objects and toys and point out the mechanical features that are found in other applications or may have been inspired by nature!

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CONNECTION QUESTIONS

1. What did you find challenging today? How did you handle it?
2. Which materials have you been using to create your inventions?
3. What materials do you like to use most?



National Inventors
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EDUCATION PROGRAMS

For more information, visit invent.org/camp
or call 800-968-4332.

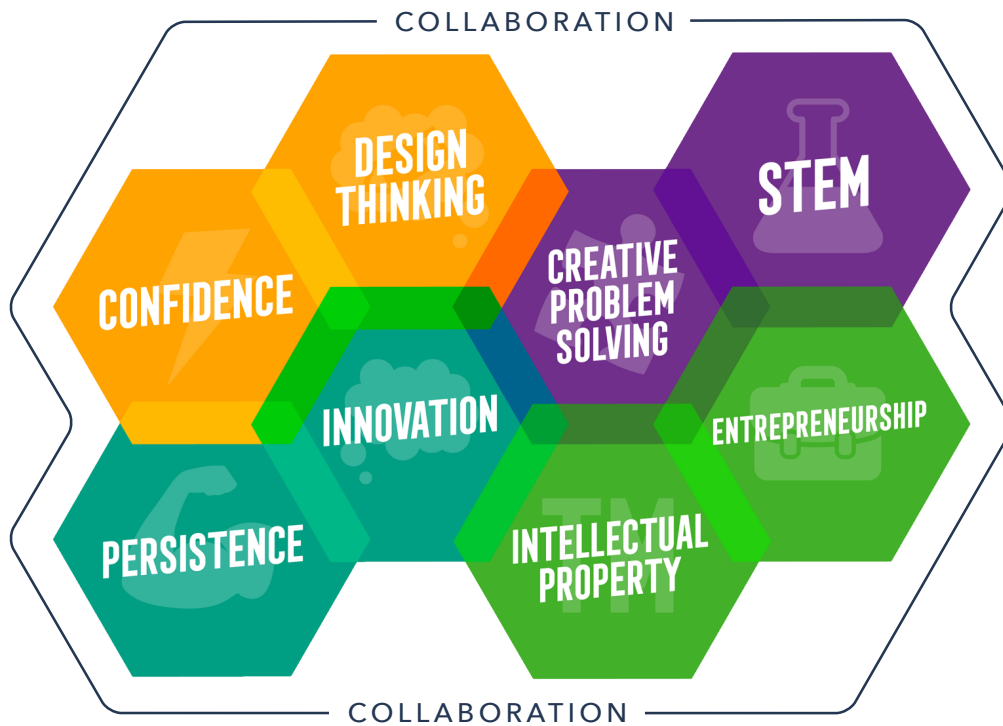


YOUR CAMPER IS BUILDING THE INNOVATION MINDSET

Here at Camp Invention, we believe every child can invent. In fact, every National Inventors Hall of Fame® (NIHF) program is built on this belief.

As they enjoy open-ended, hands-on exploration, your camper is building the Innovation Mindset. Developed through lessons from world-changing inventors (our Hall of Famers!), this mindset will assure your child that they can improve their abilities over time, empowering them not just at camp but throughout life.

The Innovation Mindset is made up of nine essential skills and traits that are strengthened every time your child applies them. Each Camp Invention module highlights different aspects of this mindset, guiding your child to unlock their full potential and discover the power of their creativity.



LET'S HEAR FROM
SOME INDUCTEES!



**"IF YOU KNOW HOW TO LEARN, YOU CAN
LEARN ANYTHING."**

Sumita Mitra • Inventor of Nanocomposite Dental
Materials • NIHF Inductee

**"YOU MAY NOT GET IT RIGHT THE FIRST TIME, BUT TRYING OVER AND OVER
AGAIN TO GET IT RIGHT CAN OFTEN LEAD TO SUCCESS."**

Eric R. Fossum • Inventor of the CMOS Image Sensor • NIHF Inductee

