

# THE CAMP INVENTION DAILY **FIRST DAY**



Camp Invention®

## WELCOME TO THE FIRST DAY OF CAMP INVENTION®!

Each day, your child is entering a place where their ideas matter and anything is possible! This is a safe and fun space where your child can create, test, try, fail, discover and explore the incredible world of invention. Look closely throughout the week—we're sure you'll see your child's ideas turning into reality!

### THE CAMP INVENTION MODULES

#### CAMP INVENTION CHAMPIONS™

This week we're discovering the inventors of the sports world! Our challenge for the week is to design a new sports complex, and today we started with construction! We discovered game-changing inventors of the construction industry, like National Inventors Hall of Fame® Inductees S. Duncan Black and Alonzo G. Decker, the inventors of the portable hand-held electric drill. **Ask your Sports Complex Designer who they picked to be part of their Innovation Dream Team.**

#### CAMP INVENTION FLIGHT LAB™

We arrived at the Flight Lab and met LINK, our robot trainer, who will be taking us through a week of exploring the mechanics and science behind flight! We logged our first air miles by exploring Bernoulli's Principle and the forces needed to achieve lift. From maple seeds to stomp rockets and handcopters, we investigated lift and earned our first wing. **Ask your child to describe their favorite lift station.**

#### RESCUE SQUAD™

Ecosystems across the planet are out of balance and they need our help! The Rescue Squad needs our critical thinking skills to design, engineer, and collaborate for ecosystem restoration. After hearing about our mission for the day, we designed Squad Pods and raced along ziplines to reach our next level. Rescue Squads, roll out! **Find out how they designed their Squad Pod.**

#### DESIGN THINKING PROJECT™

Today we were recruited as designers. We made prototypes of innovative controllers to consider what it takes to bring an idea to life and to market. After this crash course, we are excited to continue applying these principles throughout the week as we create our own original invention! **Ask your Designer how they customized their controller to make it unique.**



### EXPERIENCE CAMP INVENTION WITH YOUR CHILD

The Camp Invention Daily is a great way to experience camp from your child's perspective and continue the learning and interaction after hours. Each edition will feature Connection Questions so you can learn more about their daily adventures, as well as fun activities to enjoy at home! Be sure to pick up the new edition every day.

During the Camp Invention program, your child will participate in activities that, for safety reasons, will require their hair being pulled back. Please consider sending your child to camp with their favorite hair band. Your camp location will have a limited number of hair bands available if needed.

© 2020 National Inventors Hall of Fame®, Inc.

#### CONNECTION QUESTIONS

1. What did you discover today that you didn't know before?
2. What was a challenge you faced today? How did you overcome it?
3. Which activities did you enjoy the most?