

# 2020 CAMP INVENTION PROGRAM: **ELEVATE**



## Camp Invention Flight Lab™

Children explore the principles of flight with the help of their very own robots. Innovation takes off as children engage in hands-on, high-flying challenges and inspiring experiments.

Participants will:

- Discover flight concepts using paper planes, gliders, rockets, heliballs and hand-copters.
- Design and build a cityscape using upcycled materials.
- Tap into their natural curiosity as they control and take apart a flight simulation robot.



## Design Thinking Project™

Children gain confidence as they express their unique ideas and learn the value of their creativity. By applying an inventor-informed Design Thinking Process, children are empowered to take their ideas to market and protect their intellectual property.

Participants will:

- Collaborate, brainstorm and find inspiration to solve real-world problems.
- Sketch their ideas, build prototypes and design their logos.
- Learn how to protect their work and promote their products while exercising their rights as creators.



## Rescue Squad™

Children team up to protect the Earth's ecosystems! As they're introduced to real-world challenges in habitats across the country, children build prototypes, explore energy conservation, eliminate pollution and help wildlife.

Participants will:

- Enjoy exciting competition with zipline races and recycling games.
- Learn how parachutes are used to safely transport animals.
- Experiment to clean up polluted water and protect vulnerable habitats.



## Camp Invention Champions™

Children discover the game-changing inventors behind their favorite sports. By applying creative problem-solving skills and using inspiration from these great inventors, they develop their own games, equipment and sports facilities.

Participants will:

- Create and play their own high-energy hover ball games.
- Trade inventor playing cards to assemble their own "Innovation Dream Team."
- Design and build the ultimate sports complex.