

FLIGHT SIGHT

GRADES 1-6



SUBJECTS

 Physical Science

 Engineering

 Biomimicry

 History

 Algebraic Thinking




 Speaking and Listening

UNIT OVERVIEW

Flight Sight™ offers children insight and inspiration from inventors who have made human flight possible, from the first attempts at manned flight through space exploration. Just as people have gained new perspectives by flying farther and soaring higher, children also discover new ways to see the world in this unit. Both collaboratively and independently, they engage in kinesthetic activities, explore art concepts and practice real-world problem solving to defy gravity, create topographical maps and travel beyond Earth's atmosphere.

CURRICULUM HIGHLIGHTS

THIS UNIT EMPHASIZES THESE INNOVATION MINDSET HABITS:

-  Demonstrating persistence while investigating aspects of flight from the ground up.
-  Building an appreciation for intellectual property by getting to know National Inventors Hall of Fame Inductees and their innovations.
-  Applying creative problem solving and exploring biomimicry to simulate space travel.

UNIT PROTOTYPES

IN THIS UNIT, CHILDREN CREATE:

- Gravity-Defying Device
- Jet Pilot Flight Simulator
- Topographical Map
- Astronaut Suits
- Model Airplanes
- Flight Craft of the Future