Program: Strange and Amazing Aircraft Investigation
Grade Level: 2 to 3
Group Size: Max. 30
Length: Self-guided
Location: The Museum of Flight

OVERVIEW

Students will make observations about the different types of aircraft in the Museum’s T.A. Wilson Great Gallery.

BIG IDEAS

• Different shaped aircraft perform different functions

OUTCOMES – What will the students know or be able to do at the end of the lesson?

• Describe different types of aircraft and their functions

Vocabulary

• Universe
• Galaxy
• Solar system
• Orbit
• Rotation
• Gravity
• Atmosphere

Extended Learning

At the Museum:

• The Tower at Boeing Field: watch planes fly in and out of Boeing Field and listen live to air traffic controllers
• Helicopters: Bell UH-1H Iroquois (Huey), Sikorsky HH-52 Seaguard

In your classroom:

• Smithsonian: understanding the four forces of flight
• PBS: an interactive balance challenge
Standards Supported – NGSS/CCSS/21st Century Skills

Next Generation Science Standards (NGSS)

- Engineering Design: K-2-ETS1-2, 3-5-ETS1-1, 3-5-ETS1-2

Common Core State Standards (CCSS)


21st Century Skills

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication and Collaboration
- Flexibility and Adaptability

- Initiative and Self Direction
- Social and Cross-Cultural Skills
- Productivity and Accountability
- Leadership and Responsibility

Reservations

For reservations, please call 206-768-7175 or email: outreach@museumofflight.org.
For grant assistance, please visit www.museumofflight.org/education/grant-assistance.