Program: Dream of Flight
Grade Level: 6 to 12
Group Size: Max. 30
Length: 60 minutes
Location: The Museum of Flight

OVERVIEW

Students will learn about the evolution of aircraft design from a trained Museum of Flight docent all while exploring the galleries at the Museum.

BIG IDEAS

• Aircraft designs have changed over time

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

• Recognize different aircraft by shape
• Understand different types of aircraft serve different purposes

Vocabulary

• Glider
• Unmanned Aerial Vehicle (UAV)
• Aircraft

Extended Learning

At the Museum:
• The Tower at Boeing Field: learn about the basic mechanics of flight
• Personal Courage Wing: see the evolution of aircraft design
• Aviation Pavilion: walk aboard America’s first jet Air Force One, the supersonic Concorde, and the Boeing 787 Dreamliner
Standards Supported – NGSS/CCSS/21st Century Skills

Next Generation Science Standards (NGSS)

- Engineering Design: MS-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.