THE PERIODIC TABLE OF EDUCATION

Program: Flying Through Time
Grade Level: 4 - 6
Group Size: Max. 30
Length: Self-guided
Location: The Museum of Flight

OVERVIEW

Students will explore the aircraft in the Great Gallery and observe changes in aircraft design over time.

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: watch planes fly in and out of Boeing Field and listen live to air traffic controllers
- Personal Courage Wing: see the evolution of fighter aircraft design
- Airpark walk aboard America’s first jet Air Force One, the supersonic Concorde, and the Boeing 787 Dreamliner

RESERVATIONS

For reservations, please call 206-764-1384 or email: educationreservations@museumofflight.org.
For grant assistance, please visit www.museumofflight.org/education/grant-assistance.
STANDARDS SUPPORTED – NGSS/CCSS/21ST CENTURY SKILLS

Next Generation Science Standards (NGSS)

- Engineering Design: 3-5-ETS1-2

Common Core State Standards (CCSS)

- ELA: Speaking & Listening: CCSS.ELA-Literacy.SL.4.1, CCSS.ELA-Literacy.SL.5.1
- ELA: Language: CCSS.ELA-Literacy.L.4.1

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