

Armstrong Air and Space Museum

Guided Tour Pre-school-12

Description: Students are invited to experience the wonders of flight and space travel through a general tour of the museum. Time will be divided among a guided tour, a multi-media presentation in the Astro-theater, and free time in the museum. Students will understand solar system characteristics such as gravitational forces and interstellar distance measurements and be able to identify and describe examples of how science and technology have changed the daily lives of people. Large groups will be divided.

Location: Armstrong Air and Space Museum

Availability: During school year

Time Allowance: 1 ½ to 2 hours

Cost: Group admission

Science Standards Addressed (by Alignment of benchmarks and Grade Level Indicators):

Grade K: Earth and Space Science – A1

Grade 2: Earth and Space Science – A1, A2, A3; Life Sciences – A1; Science and Technology – A2

Grade 4: Science and Technology – A1, A2

Grade 5: Earth and Space Science – A1

Grade 6: Science and Technology – A3

Grade 8: Earth and Space Science – A1, A2, A3, A4, B5, B6, B7, B8; Physical Sciences – B1, B2; Science and Technology – A1

Grade 9: Earth and Space Science – C3

Grade 11: Earth and Space Science – B2

Social Studies Standards Addressed (by Alignment of benchmarks and Grade Level Indicators):

Grade 2: History – B3, C6a, C6b, D7b; People in Societies – B4

Grade 5: Social Studies Skills and Methods – A1a, A1b, B6, D9a, D9b, D9c, D9e, D9f, D9g

Grade 6: Social Studies Skills and Methods – D7a, D7b, D7c, D7d, D7e

Armstrong Air and Space Museum is operated by the Ohio Historical Society, a nonprofit organization that serves as the state's partner in preserving and interpreting Ohio's history, archaeology, and natural history.



Ohio Historical Society, Museums and Interpretation Division, 1982 Velma Avenue, Columbus, OH 43211-

www.ohiohistoryteachers.org www.ohiokids.org www.ohiohistorycentral.org www.ohiohistory.org

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Field-Trip Program

TRANQUILITY BASE (Grades 3, 4 & 5)

Description: This workshop includes a staff visit to your school, independent student research and a day-long museum visit to teach students about careers in space. During an in-school presentation, students learn how to create a resume and do research. Through independent research they learn about NASA and about what sorts of work people do there. Through self-directed, hands-on activities at the museum, students experience the daily work of scientists and other employees of NASA.

Location: Armstrong Air & Space Museum

Availability: September through March

Time Allowance: 9:30 am- 3pm

Cost: Students \$6.00 includes admission

What will the students do? Activities may include:

Astronaut—students learn about geology and the study of other worlds, then participate in a simulation of the historic 1969 Moon Landing.

Exo-Biologist—students learn about the study of life on Earth and in space, then create their own “Space Beastie”.

Medical Officer/Nutritionist—students learn about the importance of health and fitness for astronauts and non-astronauts and how to take pulse. Then they design a nutritious meal.

Astronomer—students learn how objects in space move and how far away from each other objects in space are. They also create their own constellation.

Geologist—students learn what the Earth is made of and how it’s put together. They then make their own edible model of the Earth and eat it for dessert!
and how the Pioneers viewed it.

Science Standards Connections (by Alignment of benchmarks and Grade Level Indicators):

Grade 3: Earth and Space Sciences—C1; Physical Sciences—C3, C4; Scientific Inquiry—A1, B3, B5; Scientific Ways of Knowing—D3, D4, D5.

Grade 4: Earth and Space Sciences—B8, B9, B10; Scientific Inquiry—A1; Scientific Ways of Knowing—C2.

Grade 5: Earth and Space Sciences: A1, A2, A3, A4; Life Sciences—C1; Scientific Ways of Knowing—D6.

Language Arts Standards Connections: (by Alignment of benchmarks and Grade Level Indicators):

Grade 3: Phonemic Awareness, Word Recognition and Fluency—6; Acquisition of Vocabulary—1, 9; Writing Processes—9, 14; Writing Applications—3; Writing Conventions—1-17; Research—1, 2, 3, 6, 7.

Grade 4: Acquisition of Vocabulary—1, 9; Writing Processes—9, 12, 14; Writing Applications—3; Writing Conventions—1-13; Research—2, 6.

Grade 5: Acquisition of Vocabulary—1, 8; Writing Processes—7, 9, 10; Writing Applications—4; Writing Conventions—1-11; Research—2, 6.



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