

Aviation Time line

5 E's Lesson Plan

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Objective: Participants will:
 Identify and research aviation events, on NASA Center tours and by utilizing web resources.
 Create an electronic time line of aviation events.
 Analyze information and interperate change.
 Develop a presentation based on historical events.

Standards: Science in Personal and Social Perspectives
 History and Nature of Science

ENGAGE	Participants will view historical NASA aircraft while touring selected hangars at NASA Dryden, Edwards AFB. The tour facilitator will explain the time period and a technological contribution, of historical significance, that aircraft has made.
EXPLORE	The education specialists will demonstrate how to locate NASA pilot biographies, historic aircraft information, digitized images and movies, related to the aircraft they saw on the tour. Participants will find information to answer the questions, “what the are most significant accomplishments NASA Dryden has contributed to aeronautics?” Participants will navigate the NASA web resource; http://www.dfrc.nasa.gov/History/index.html http://www/gallery/photo/index.html http://www/gallery/movie/index.html http://www/PAO/PAIS/index.html http://nix.nasa.gov/
EXPLAIN	Teachers will construct an electronic time line, made up of images, movies, and any other resources they can locate. The time line may be presented on a poster, by using any type of graphic organizer, or in a Power Point Presentation. May be done in groups.
ELABORATE	Participants will present their time lines to the group. Education Specialists will facilitate a discussion following each presentation to summarize its highlights.
EVALUATE	Education Specialists will facilitate a discussion about NASA's greatest aeronautical accomplishments. Check for time line accuracy.

