



Talk Like an Aviator: Word Expert Cards

Overview

While on a field trip to the Pacific Aviation Museum students will encounter new words that are specific to the field of aviation. This activity provides students an opportunity to familiarize themselves with new vocabulary words and compile questions inspired by these new words.

Objectives

At the conclusion of this lesson students will be able:

- Correctly to apply new vocabulary while on their visit to Pacific Aviation Museum Pearl Harbor.
- Write questions that they hope to have answered during their field trip

Activity

- Each student in the class will take the responsibility for thoroughly learning a few vocabulary words, then will teach the word to their peers.
- Each student is assigned 5 words from one category on the list provided to study.
- The “word expert” will construct a card for each vocabulary word on his/her list using the supplied definition for each word. On the expert card the student must include:
 - The original definition
 - The part of speech
 - A picture illustrating the word
 - A sentence describing the picture that includes the vocabulary word.
- After students are finished with their cards, they will exchange cards with a classmate who has a different set of vocabulary words. Students can exchange cards 4 times so that they read cards from each category.
- As they read new cards, students should write down one question inspired by each set of new words. These questions may be ones that students can ask their peers or the museum educators during the field trip.



Talk Like an Aviator: Categories, words and definitions

Flight Lab

Altitude- The height of an aircraft in flight above sea level

Straight and Level- Being on a line with the horizon

Approach-(n.) Final leg of a flight with the aircraft heading in the landing direction

Horizon- The line where the earth or sea seems to meet the sky

Simulator - A machine for simulating certain conditions for training- a way to practice.

Parts of the Museum

Hangar- Building at the airport in which airplanes are stored or sheltered

Control Tower- A glass enclosed elevated structure for visual observation and control of the air and ground traffic at an airport

Runway- A surface or area on the airport designated for airplanes to take off and land.

Aviator- Someone who flies an aircraft

Docent – A knowledge person who guides people through a museum

Parts of an Aircraft

Propeller- Blades that pull a plane forward as they turn. This is found on the nose of an airplane.

Cockpit- The part of the plane where the pilot and co-pilot sit

Fuselage- The body of an airplane to which are fastened the wings and tail.

Rotor- A system of rotating blades that support a helicopter in flight

Landing Gear - Wheels, floats of an aircraft, upon which it lands and moves on ground or water

Military History

Civilian- A person or thing not on in the armed services

Military- Connected to the military, naval, and/or air forces of a nation

Vulnerable- Easy to break or damage; fragile

Aircraft Carrier- A large ship used as a floating airport.

Service - Employment in any duties or work for a person, organization, or government