



## **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