

# OHOH STEAM Tour (Aviation Emphasis)

<b>SUBJECT</b>	<b>OAS</b>	<b>GRADE</b>
Social Studies	HLCS 4.1,2,10 ELCS 2.3	3

## OVERVIEW

The Oklahoma Hall of Fame STEAM (science, technology, engineering, art, mathematics) tour focuses on individuals that have made significant contributions to the fields of aviation, art, and science. Use the three STEAM companion lessons (Aviation, Science, & Visual Arts) as a guide to customize the experience for YOUR classroom. You are the expert. Each lesson is accompanied by a PowerPoint presentation that has pictures and links to videos and resources that you may want to use.

<b>PHASES</b>	<b>TEACHER GUIDE</b>	<b>SUGGESTED QUESTIONS</b>
<b>INTRODUCTION</b>	<p>Slide 3:</p> <ul style="list-style-type: none"> <li>Use the suggested questions to make connections with students about flying.</li> <li>Open the STEAM PowerPoint lesson and begin with Slide 3.</li> </ul>	<ol style="list-style-type: none"> <li>Has anyone ever flown in an airplane?</li> <li>Do you know anyone that can fly a plane?</li> <li>What does aviation/aviator mean?</li> <li>Is an astronaut an aviator?</li> <li>Can you name any famous aviators?</li> </ol>
<b>LESSON</b>	<p>Slide 4:</p> <ul style="list-style-type: none"> <li>As slides are shown, talk about any prior knowledge that students may have about the individuals highlighted in the slides.</li> </ul> <p>Slide 5:</p> <ul style="list-style-type: none"> <li>Reveal slide 5 to find names, titles, and important dates of each aviator</li> </ul>	<p>Slide 4:</p> <ol style="list-style-type: none"> <li>Look at the pictures here. What do you notice about any of the pictures? (Some are in uniform, some are old, some are in color, black and white..)</li> <li>All of the people on this page are aviators. Can you name any of the people here?</li> </ol> <p>Slide 5: Find the names of the aviators next to the pictures. Point out that some of these aviators are astronauts, some were in the military, some are women and some are men, one of them was also considered a scientist.</p>
<b>ACTIVITY: TIMELINES</b>	<p>Slide 6:</p> <ul style="list-style-type: none"> <li>This slide shows a basic timeline of aviation. Discuss some of the events listed on the timeline with your students.</li> </ul>	

PHASES	TEACHER GUIDE	SUGGESTED QUESTIONS
ACTIVITY: READ ALOUD	<ul style="list-style-type: none"> <li>READ <u>Fearless Flight: The Amazing Adventures of Wiley Post</u> This is an OHOF published book and your library should have a copy!</li> </ul>	After Reading <u>Fearless Flight</u> talk about where Wiley Post's travels land on the timeline.
PRINTABLE OPTION	Slide 7: Optional <ul style="list-style-type: none"> <li>This is a printable slide for your students as an option to draw lines from the photographs to the correct place on the timeline</li> </ul>	Encourage students to realize that they will be seeing portraits, videos and other things on their tour about these individuals and many others!
SUMMARY	Slide 8: Videos	This slide gives you a selection of links to YouTube videos on the history of aviation.

**Significant Aviator Dates:**

Page: 1910- Saw the first airplane flight in OK. Fell in love with flying.

Banning: 1932-Became America's first African-American aviator to fly coast to coast.

Aragon: 1989-Became the first female commander of the Air National Guard after serving as a teacher and principal in Oklahoma City Public Schools. <https://reveel.it/s/8EHUxN>

Cooper: 1963-Flew 595,564 miles in 34 hours and 20 minutes.

Post: 1933- First man to fly alone around the earth in 7days, 18 hours 49.5 minutes.

Cobb: 1959- First woman to complete astronaut training and qualify for space flight.

Stafford: 1965- First flight in space, aboard Gemini VI. <https://reveel.it/lp/s/XY0Vil>

Garriott: 1973- Was the Skylab Mission Science-Astronaut where he circled the earth 858 times.

**Additional Oklahoma Hall of Fame Members involved with Aviation:**

Almer S. Monroney - <https://reveel.it/lp/s/MlmlXe>

Harold C. Stuart - <https://reveel.it/s/ZxZu0H>

James E. Hill - <https://reveel.it/s/7NTGRg>

Richard D. Harrison - <https://reveel.it/s/JiSRJE>

Gloria Twine Chisum - <https://reveel.it/s/MSc2nO>

Wilson Hurley - <https://reveel.it/s/q7qly4>

Stanley Draper - <https://reveel.it/s/01mV7v>

**Recommended reading:**

Mission To Space by John Herrington

Fearless Flight: The Amazing Adventures of Wiley Post by Eric Dabney and Janice Johnson