

X-STEM All Access - High Altitude Inspiration

Major Jay Park Captain Barrington Irving

April 22, 2021

TEACHER & PARENT TIPS:

Prior to the video, ask students to read the speaker biographies on our <u>website</u>. To keep students engaged during the session, we have listed some key facts to look for during the talk, listed below. In addition, ask the students to answer a list of follow-up questions for a deeper analysis of the subject matter. Some sample questions are listed on page 2 of this worksheet.

Looking for more talks? Our video library filters the videos by subject matter to make the selection process easier for your lesson plans. Access the video library here:

2020 X-STEM All Access Videos | X-STEM Symposium Videos | Festival Videos

ENGAGEMENT & FACT QUESTIONS:

Major Jay Park, U.S Air Force Aviator-read his biography before the talk here

What year was Major Jay Park promoted to Major?

What was Major Park's favorite experience while being in the Air Force?

What was the fastest Major Jay ever went in an F-15 aircraft?

Captain Barrington Irving, Pilot-read his biography before the talk here.

Barrington had a teacher that inspired him to pursue a career in aviation, What was her name?

Barrington wanted to become an aviator, but he didn't have money for a plane! Where did he get the inspiration to gather multiple parts and build the plane himself?

How many countries did Barrington visit while on his trip around the world?



REFLECTION AND ANALYSIS QUESTIONS:

Who did you learn about in this session? What is his/her name and what kind of work does he/she do?

Why is this speaker's work important?

How does his/her work have a direct impact on your life?

Tell me what you remember most from the speaker's presentation? What did you find most interesting?

What other kinds of jobs can you think of in his/her area of work? Are

you interested in learning more about this topic?

Can you predict what will change about this topic in the future? How will this impact your life? If

you could ask this speaker anything, what would it be?

Pick one fact from this talk and do your own follow up research. Provide a list of what you have learned.

BONUS Options:

When he got into college, Major Jay Park joined the Air Force. Do some research on what is required of someone to pursue a career in the Air Force or other area of aviation. Provide a detailed explanation on these requirements.

Barrington used the inspirations and mentors around him to cultivate a career, what are some ways that you can use your surroundings to inspire yourself and the world of STEM?