

X-STEM All Access - The Coolest Minds in STEM

Phil Torres and Jordan Veasley

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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 of past events here: <u>X-STEM All Access Videos</u> | <u>X-STEM Symposium Videos</u> | <u>Festival Videos</u>

ENGAGEMENT & FACT QUESTIONS:

Phil Torres, Tropical Biologist and Host of Discovery Channel's Expedition X - read his biography before the talk here.

What animal did Phil discover in the rainforest?

What is Phil's favorite animal?

What inspired Phil to study insects for a living?

Jordan Veasley, Zookeeper and Wildlife Educator - read his biography before the talk here.

Jordan started caring for animals from age 11, how did he work his way to becoming a zookeeper?

What were the 4 things Jordan talked about regarding caring for animals in a zoo?

What does he want visitors at the zoo to learn about?



REFLECTION AND ANALYSIS QUESTIONS:

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

Why is this speaker's work important?

How does his 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 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:

Jordan said he found a passion for animals from a young age and started volunteering at a zoo when he was a kid before going to college and starting his zookeeping career. What can you do NOW to start learning more/getting involved in the field you want to pursue a future career in?

Phil explained that funding for research of new animal species and further study of species already discovered is less and less. What are some ways you can spark interest in wildlife and conservation that will lead to more awareness of the need for wildlife research?