

# X-STEM All Access One-on-One with the Classy Chemist

Yasmine Daniels, Ph.D.

Hosted by **Tamara Robertson** 

#### **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:

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

### **ENGAGEMENT & FACT QUESTIONS:**

# Yasmine Daniels, Ph.D., The Classy Chemist - read her biography before the talk here.

Dr. Daniels works hard to develop tools to help remove what from the environment?

What sport does Dr. Daniels play?

Dr. Daniels is a bestselling children's author. What is the name of her children's book?

What is chemistry the study of?

## **REFLECTION AND ANALYSIS QUESTIONS:**

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

Why is this speaker's work important?

How does 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 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:**

Dr. Daniels said her chemistry professor inspired her to pursue the field of chemistry. Who can you connect with NOW to start learning more/getting involved in the field you want to pursue a future career in?