X-STEM All Access – *Shattering STEM Stereotypes*

*Dr. Katharine Hayhoe and Dr. Mireya Mayor*

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**TEACHER & PARENT TIPS:**

Prior to the video, ask students to read the speaker biographies on our [website](#). 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: [X-STEM Videos](#) | [Festival Videos](#)

**Note:** If you or your students would like to engage in the chat feature during the presentations to ask speakers questions during the live talk, be sure to click on the “chat” icon on the upper right hand side.

**ENGAGEMENT & FACT QUESTIONS:**

**Dr. Katharine Hayhoe- read her biography before the talk [here](#).**

According to Dr. Hayhoe, what is the best way to start a conversation about climate change?

When it comes to climate change, the biggest problem we have with people’s opinions is that no one thinks it matters to them. How do you personally relate to this?

What is the name of the YouTube series, hosted by Dr. Hayhoe, that answers people’s questions about climate change?

**Dr. Mireya Mayor- read her biography before the talk [here](#).**

What believed to be the world’s smallest primate co-discovered by Dr. Mayor? Bonus: In what country?

What is the name of Dr. Mayor’s book?

It was not until college that Dr. Mayor discovered her passion for primates that would change the course of her life. How does this inspire or challenge you personally?
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:

Do your own research on Dr. Mireya Mayor and write a one-page essay describing her seemingly unlikely STEM journey and accomplishments and what it is about her story that made the greatest impression on you personally.

Go to Dr. Hayhoe’s Global Weirding series on YouTube and watch two episodes. Write a one-page essay that includes what you learned from these episodes and how this will impact your personal choices as they relate to the environment.