

Lesson 2: EXPLORING LILLY

(Recommended Time 30 minutes)

Overview

Students explore Lilly and learn about multiple careers that represent STEM and prepare for the Elements of STEM™ day.

Objectives

Students will:

- Gain an understanding of Lilly
- Explore career pathways at Lilly

Give students 2-3 minutes to complete a [K-W-L about Eli Lilly](#): Know, Want to Know, Learn (will be completed after intro video or researching).

Complete question 1 and 2 of K-W-L:

- What do you know about Eli Lilly and Company?
- What do you want to know?

[Click to Play Lilly Introduction Video](#)

Review or Distribute the Lilly Career Pathways

Introducing students to the 13 career pathways that will be on the platform.

[JA EOS STEM Career Pathways](#)

Activity

Students pair up with a partner to discuss what they learned about Lilly and STEM careers at Lilly and complete the K-W-L. Which of the career pathways are you most interested in learning more about?

Complete question 3 of the K-W-L:

- What did you learn about Lilly?

Lesson 2: cont.

Review Student Expectations for the Day

Watch the [DEMO video](#) on the STEM site to prepare for the STEM experience.

Optional Extended Activity

Students work in groups to identify the various advancements made possible through STEM disciplines.

- Separate students into four groups.
- Assign each group a discipline (science, technology, engineering, or mathematics).
- On big chart paper, write the area of STEM focus for your group (ie. S = Science). Have each group identify and write out as many important advancements associated with the assigned discipline as possible.
- Groups also need to provide the reasons why these advancements are important. You may use all resources that have been given to you or the internet for your research.
- As a class, discuss the advancements in each area and why they are important.
- In your group, take 5 additional minutes to research on the internet what advancements (in your specific STEM area) Lilly has made and why they are important.
- Discuss as a whole class these advancements from Lilly found in STEM.

