


Directions: Answer the questions while exploring the Elements of STEM platform.

Use these symbols to guide you!

 Click on a new page

 Watch a video

Science

Career Paths

 **Click on at least one career path you would like to explore further.**

Remember you can visit more than one!

- ☐ Community Illness and Public Health
- ☐ Nurse and Physician
- ☐ Biologist - Research Scientist
- ☐ Lab Technician
- ☐ Chemist - Research Scientist

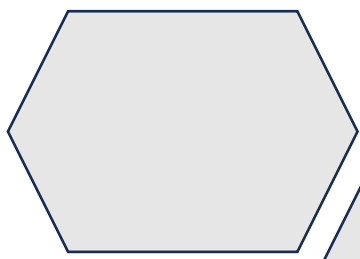
 Watch the **video(s)** for this career path.

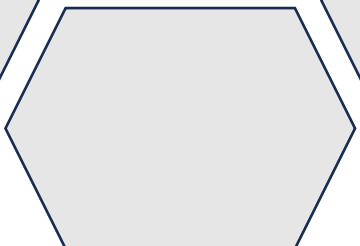
1. **Who** was featured in the video you watched?
2. **What** are the key parts of this person's job?

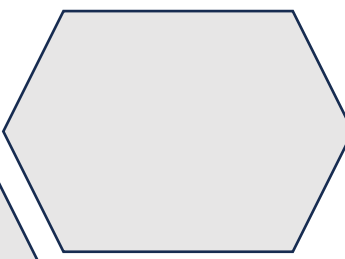
 **How much does this pay?**

Responsibility	<ul style="list-style-type: none">•••
Educational Requirements	
Salary Range	
Average Salary	

What are related jobs in this career path? Write at least three in the spaces below:







Science

Experiments and More

Lilly Science Careers

Which two science careers at Lilly sound the most interesting to you? Why?

Things you would tell 7th and 8th graders – Faith

What is one piece of advice Faith gives you?

Watch at least one experiment video you would like to explore further.

- Dry Ice Paint
- Dry Ice Bag
- Storm in a Glass
- Surface Tension
- Floating Heart

What materials are needed in this experiment?	
What real-life science concept does this experiment model?	

Career Critical Thinking: How do educational requirements impact the salary range for a science career path?

Technology

Career Paths

 **Click on at least one career path you would like to explore further.**

Remember you can visit more than one!

- Cyber Security
- Robotics and Automation
- Programming
- Gaming and VR
- App Development and Coding

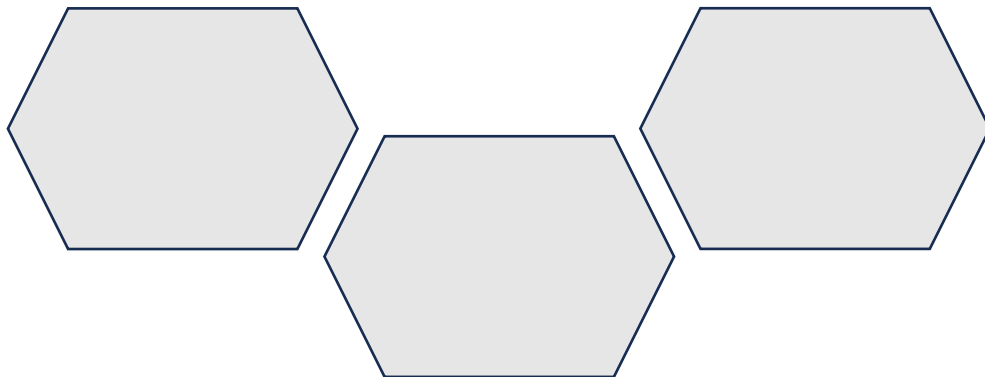
 Watch the **video(s)** for this career path.

1. What are the key parts of this career path?

 **How much does this pay?**

Responsibility	<ul style="list-style-type: none">•••
Educational Requirements	
Salary Range	
Average Salary	

What are related jobs in this career path? Write at least three in the spaces below:



Technology

Experiments and More

Lilly Technology Careers

Which two technology careers at Lilly sound the most interesting to you?
Why?

Things you would tell 7th and 8th graders – Shannon and Nic

What is one piece of advice Shannon or Nic gives you?

Watch this experiment video: Coding with PB&J

What materials are needed in this experiment?	
What real-life technology concept does this experiment model?	

Career Critical Thinking: How can technology like VR (Virtual Reality) be useful to Lilly and other companies?

Engineering

Career Paths

 **Click on at least one career path you would like to explore further.**

Remember you can visit more than one!

- Engineering Disciplines
- Advanced Manufacturing and Skilled Trades
- Clean Energy

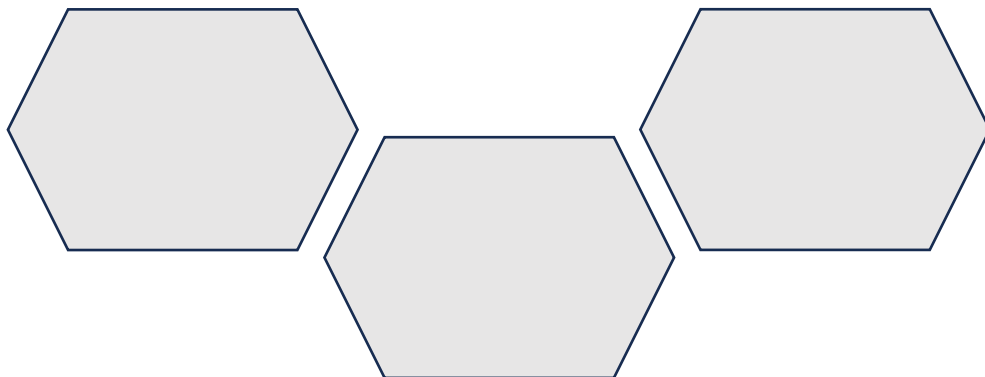
 Watch the **video(s)** for this career path.

1. How does this career path support Lilly?

 **How much does this pay?**

Responsibility	<ul style="list-style-type: none">•••
Educational Requirements	
Salary Range	
Average Salary	

What are related jobs in this career path? Write at least three in the spaces below:



Engineering

Experiments and More

Lilly Engineering Careers

Which two engineering careers at Lilly sound the most interesting to you?
Why?

I love my job because...

What are **two** reasons engineering professionals at Lilly love their jobs?

Watch at least one experiment video you would like to explore further.

- Books
- How to build a zipline

What materials are needed in this experiment?	
What real-life engineering concept does this experiment model?	

Career Critical Thinking: What other engineering-related careers have you heard of? Compare and contrast them to the engineering career paths at Lilly.

Mathematics

Career Paths

 **Click on at least one career path you would like to explore further.**

Remember you can visit more than one!

- Statistics
- Accounting & Finance
- Analyzing Data and Trends

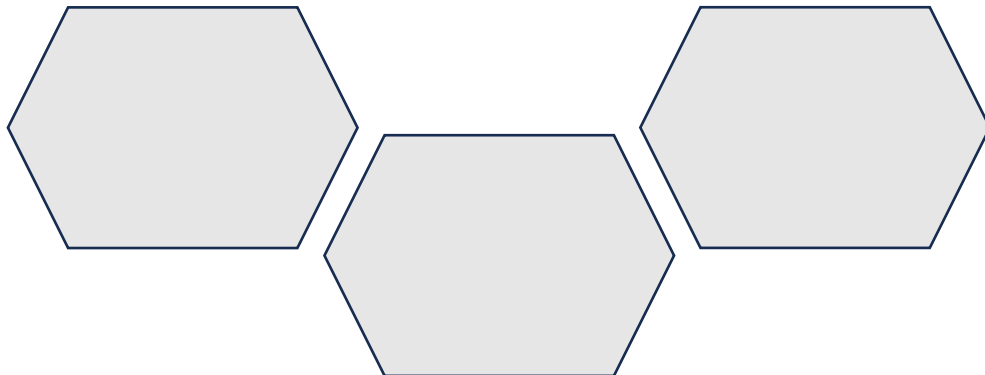
 Watch the **video(s)** for this career path.

1. What does a typical day in the life include for someone working in this career path?

 **How much does this pay?**

Responsibility	<ul style="list-style-type: none">•••
Educational Requirements	
Salary Range	
Average Salary	

What are related jobs in this career path? Write at least three in the spaces below:



Mathematics

Experiments and More

Lilly Mathematics Careers

Which two mathematics careers at Lilly sound the most interesting to you?
Why?

I love my job because...

What are **two** reasons mathematics professionals at Lilly love their jobs?

Watch at least one experiment video you would like to explore further.

- Fill it up
- Money

What materials are needed in this experiment?	
What real-life mathematics concept does this experiment model?	

Career Critical Thinking: How are these careers connected to the math ideas and concepts you are learning now?