

# Be a Health Scientist!

# LAB NOTEBOOK

*Use this notebook to take notes, record your discoveries, and try new experiments at home.*

NAME

# Find out more!

**Be a health  
scientist at home!**  
Try the activity on  
page 24!

## WEBSITES

**Be a Health Scientist!** – [scienceinthesummer.fi.edu/be-a-health-scientist](https://scienceinthesummer.fi.edu/be-a-health-scientist)

**Official website for 2024 GSK Science in the Summer™**

**The Franklin Institute** – [fi.edu/en/science-and-education/franklin-at-home](https://fi.edu/en/science-and-education/franklin-at-home)  
**STEM activities and videos**

**Nova Online**

[https://www.pbs.org/wgbh/nova/education/resources/subj\\_05\\_03.html](https://www.pbs.org/wgbh/nova/education/resources/subj_05_03.html)

**Health Powered Kids**

<https://healthpoweredkids.org/lessons/>

**CDC Science Ambassador Program**

<https://www.cdc.gov/science-ambassador/stem-lesson-plans/index-activities.html>

## BOOKS

***The Fantastic Body: What Makes You Tick & How You Get Sick*** by Dr. Howard Bennett

***Happy and Healthy Human Body*** by Claudia Martin

***Andrew Learns about Scientists*** by Tiffany Obeng

## PHOTOGRAPHY CREDITS

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## *What is Health Science?*

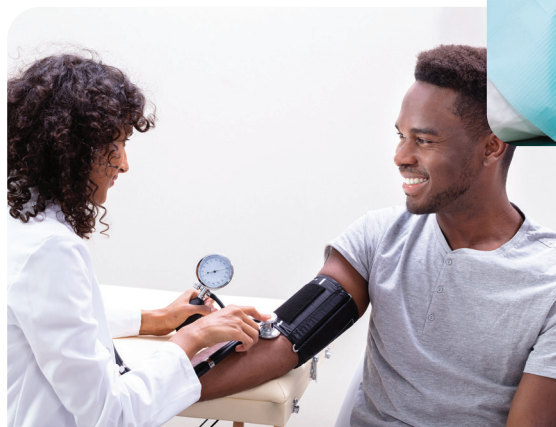
**The goal of health science is to look after the overall health and well-being of ALL humans.** Health scientists study ways to keep people healthy or treat them when they are sick. They ask questions like:

- How can people improve their health?
- How can we keep people from getting sick?
- How can we help sick people get well?
- What parts of people's lives and environments affect their health?

*Health Science is a big field with **MANY** different careers.*

**Health scientists might:**

- Treat sick people in hospitals and medical offices
- Research new medicines or treatments in a lab
- Teach people about their bodies and health in a classroom or community center
- Work in the government to make laws that affect people's health



# Be a Cardiologist

*A cardiologist is a doctor that takes care of the heart and blood vessels.*



*Big Question: How can cardiologists help improve the flow of blood in a clogged artery?*

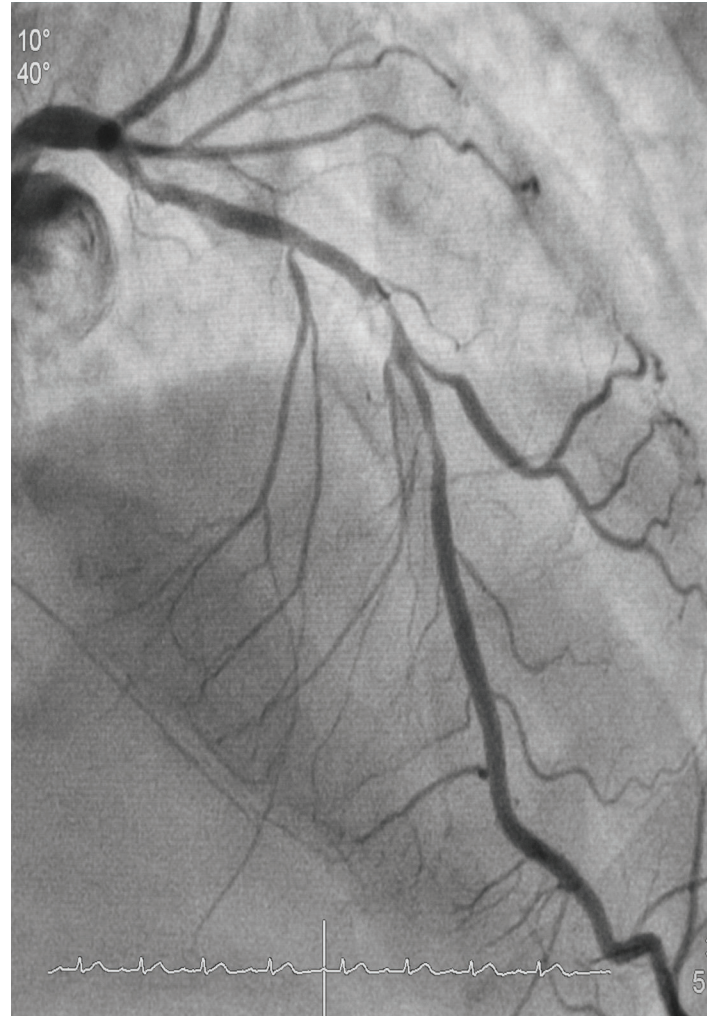
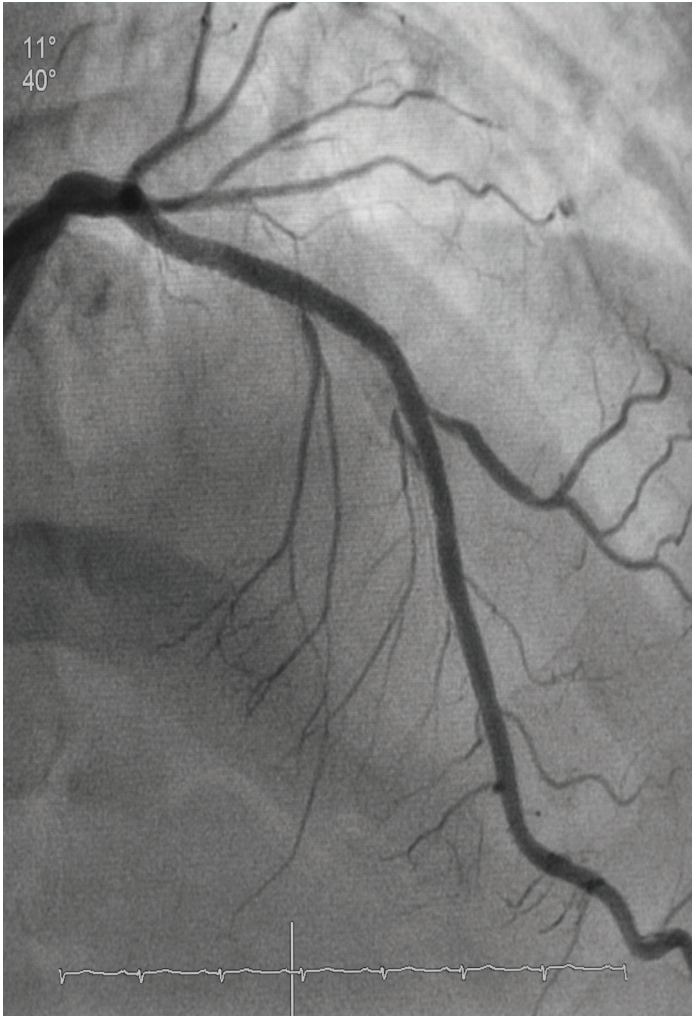
## Your Project

**Design a tool that will improve the flow of blood through a clogged artery.**



## Take a look

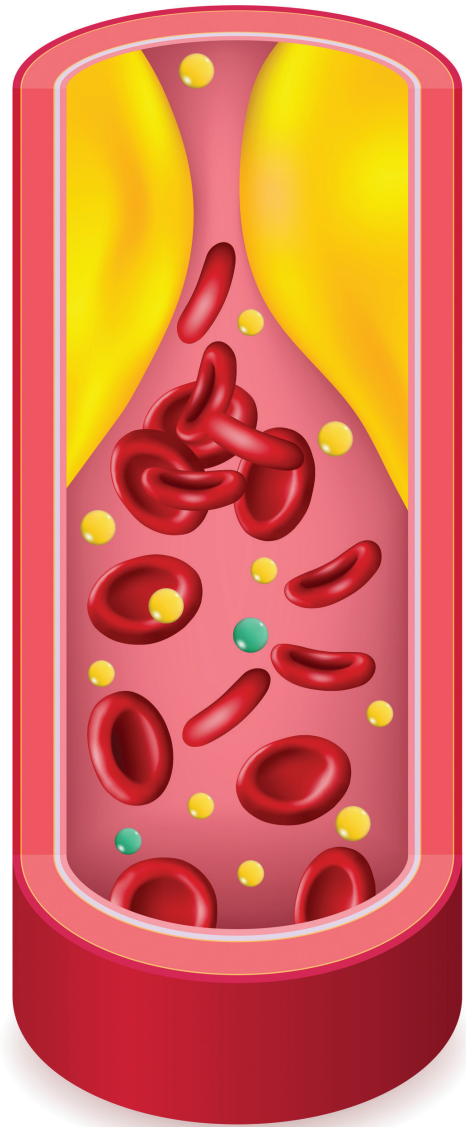
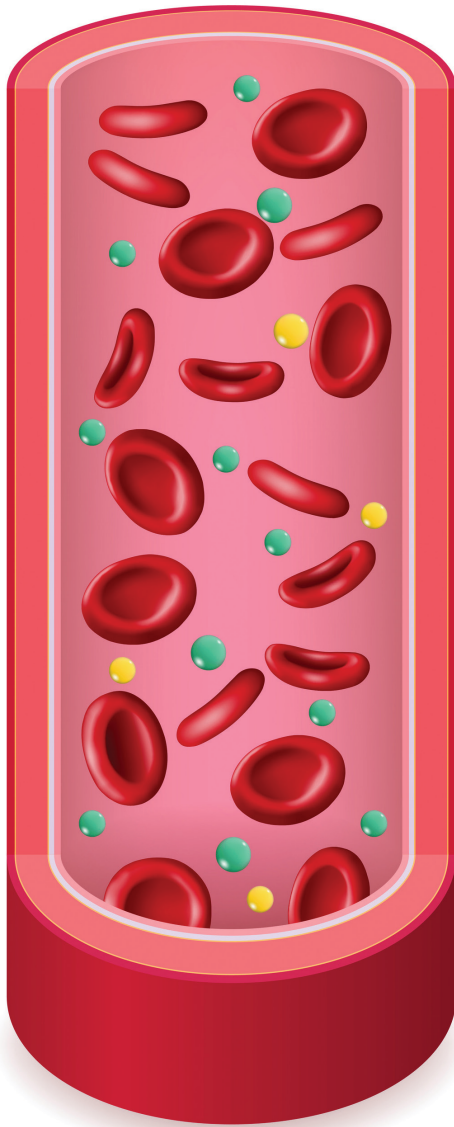
*What do you notice in these images of an artery?*





## Take a look

What differences do you notice between these pictures? How do they compare to the ones on page 9?



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## Tool Design



## Reflect

*How were you like a cardiologist? What skills did you practice?*



PLACE  
STICKER  
HERE