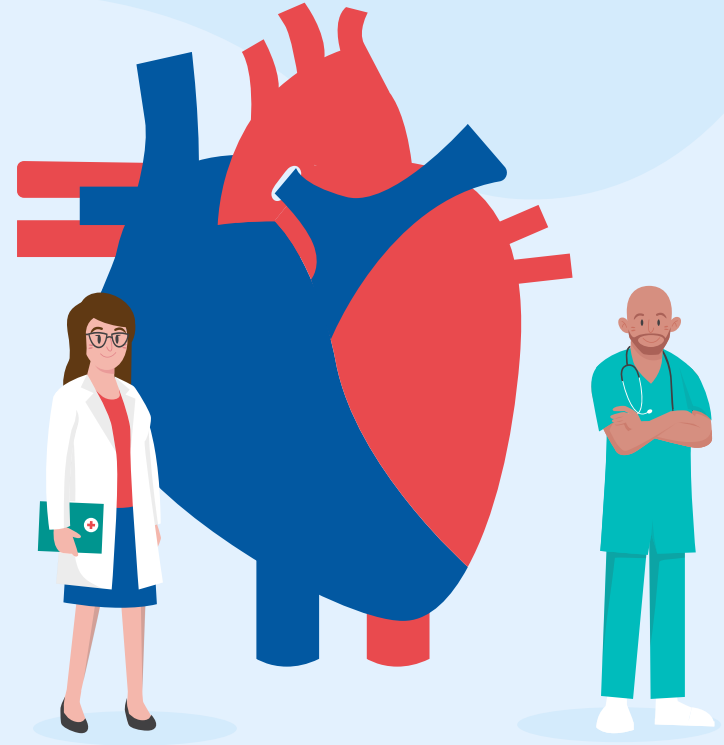
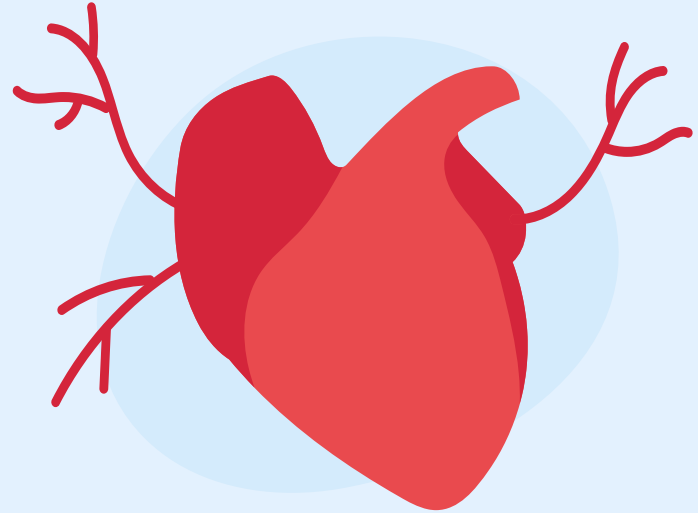


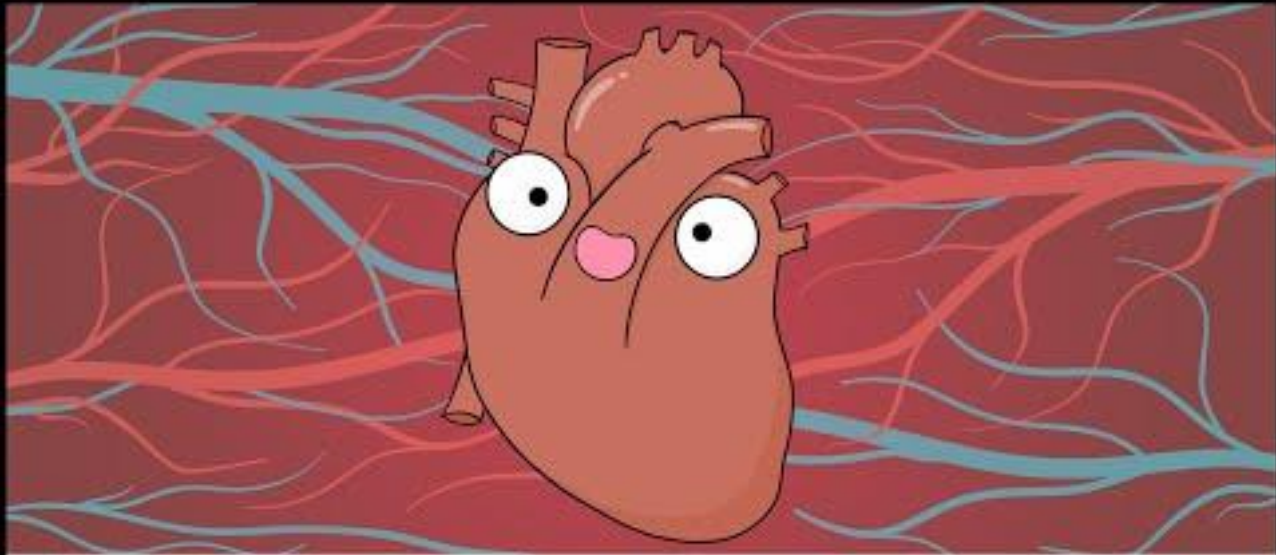
Cardiovascular System



Function of the Circulatory System

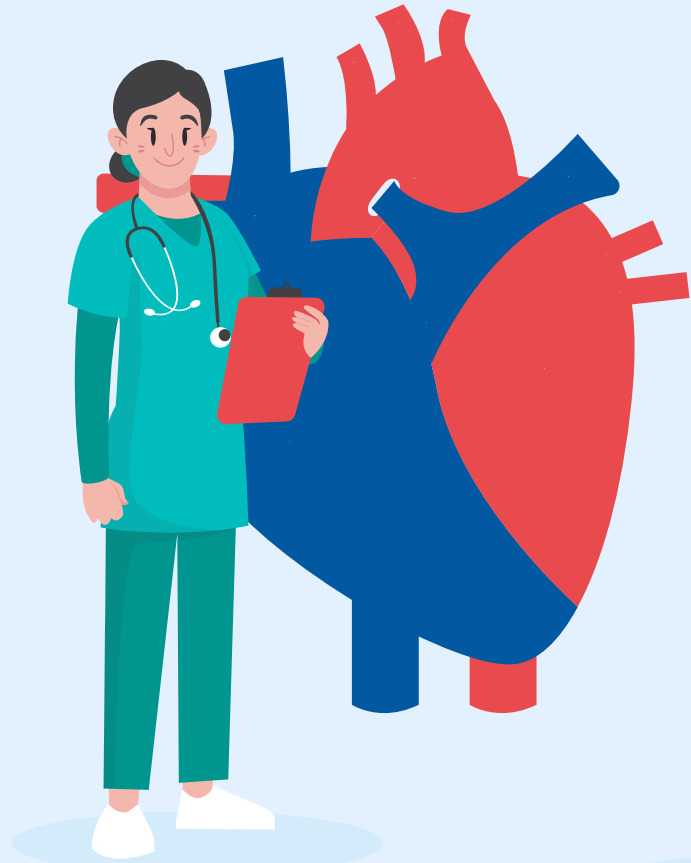
Transports materials from the digestive and respiratory systems to the cells of the body





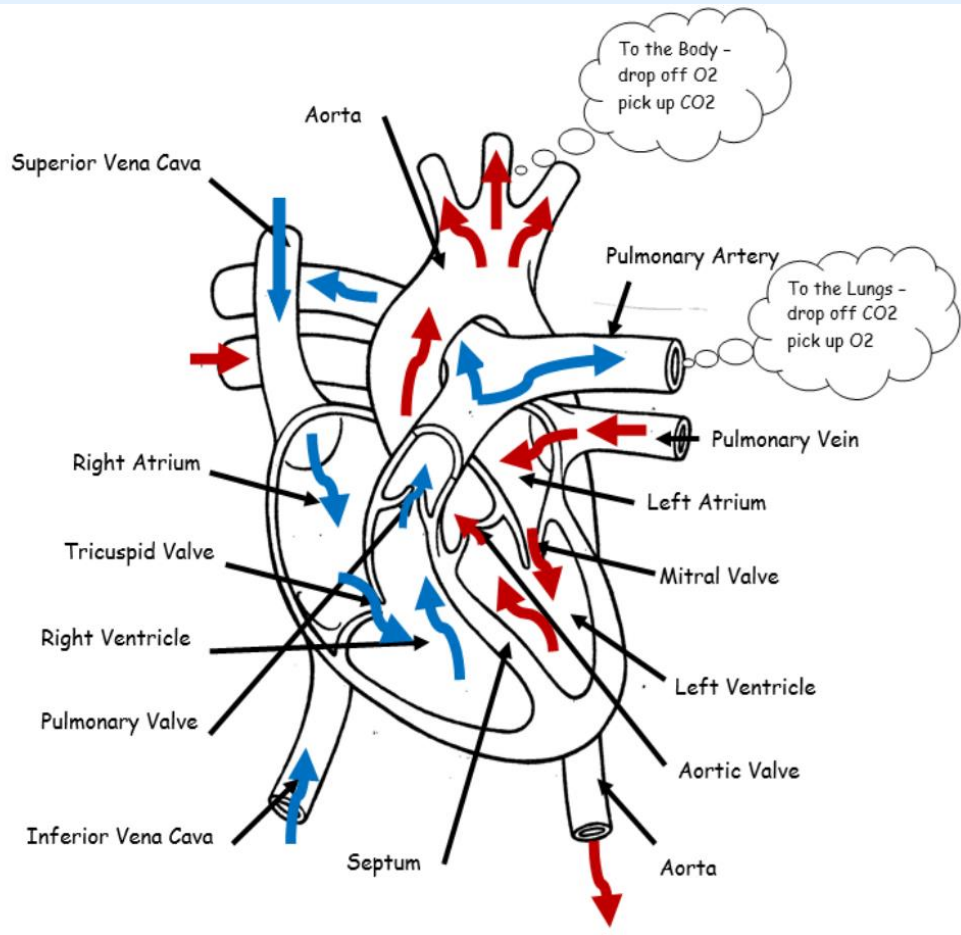
Circulatory System

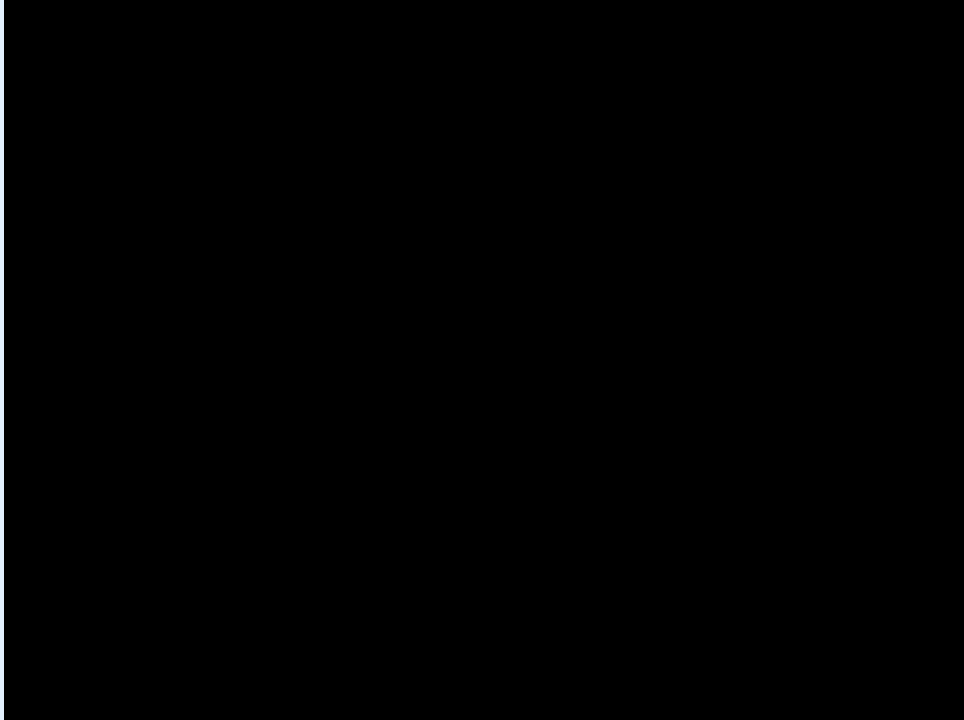
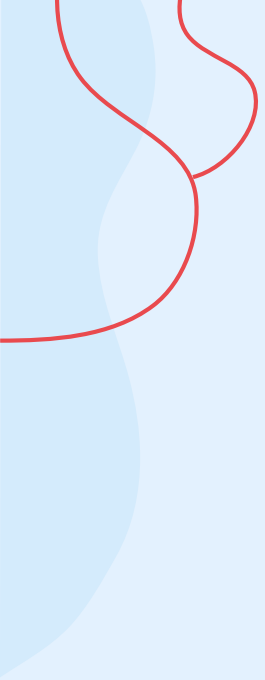
with the Amoeba Sisters



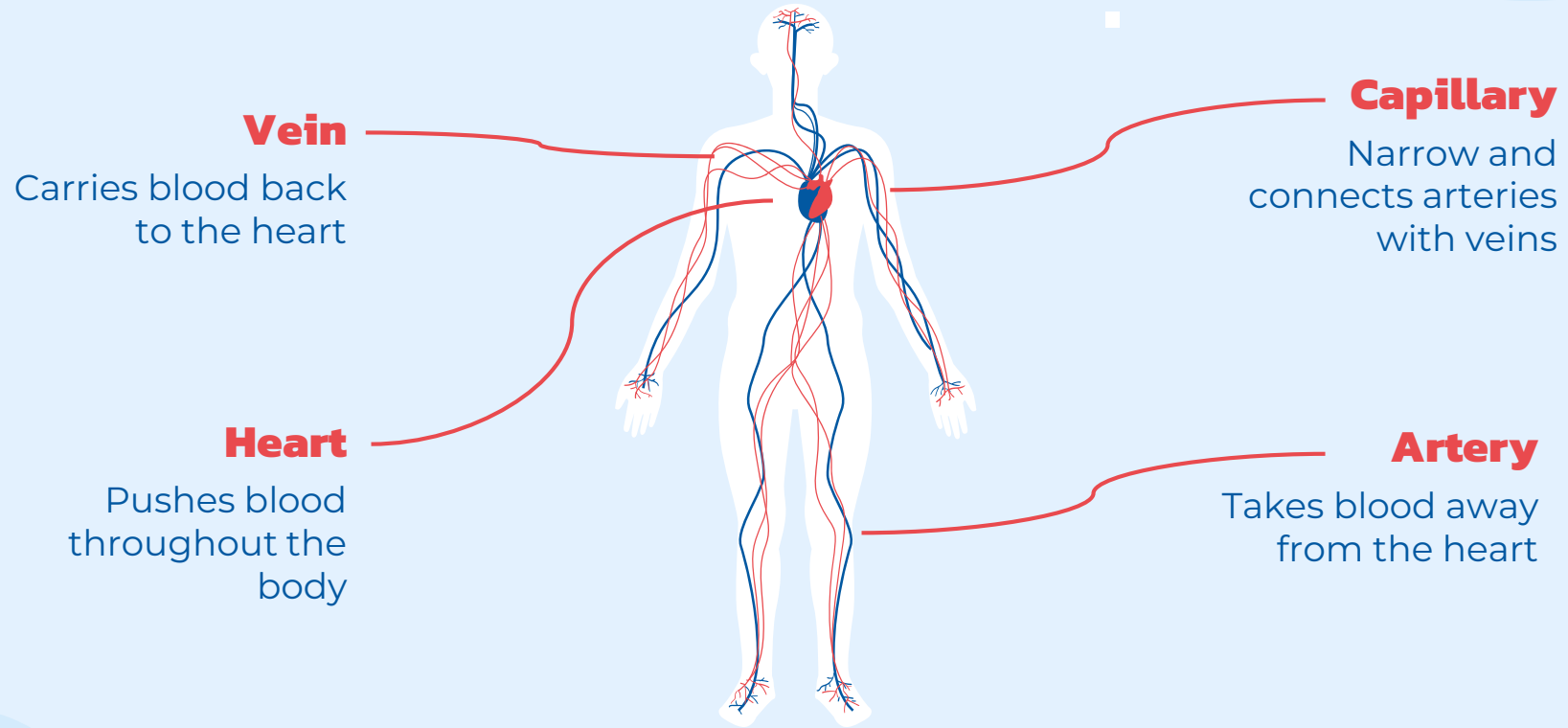
Heart

Pushes blood throughout the body and has two sides, four parts, and valves to prevent blood from flowing backwards

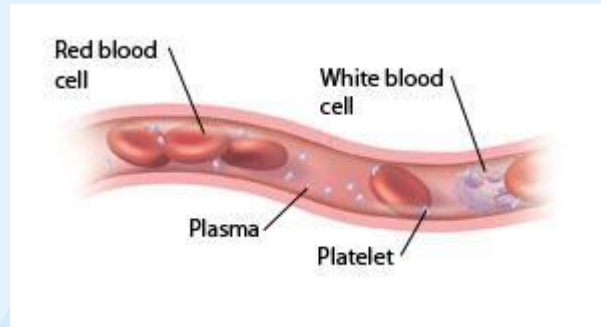




Structures in the Circulatory System

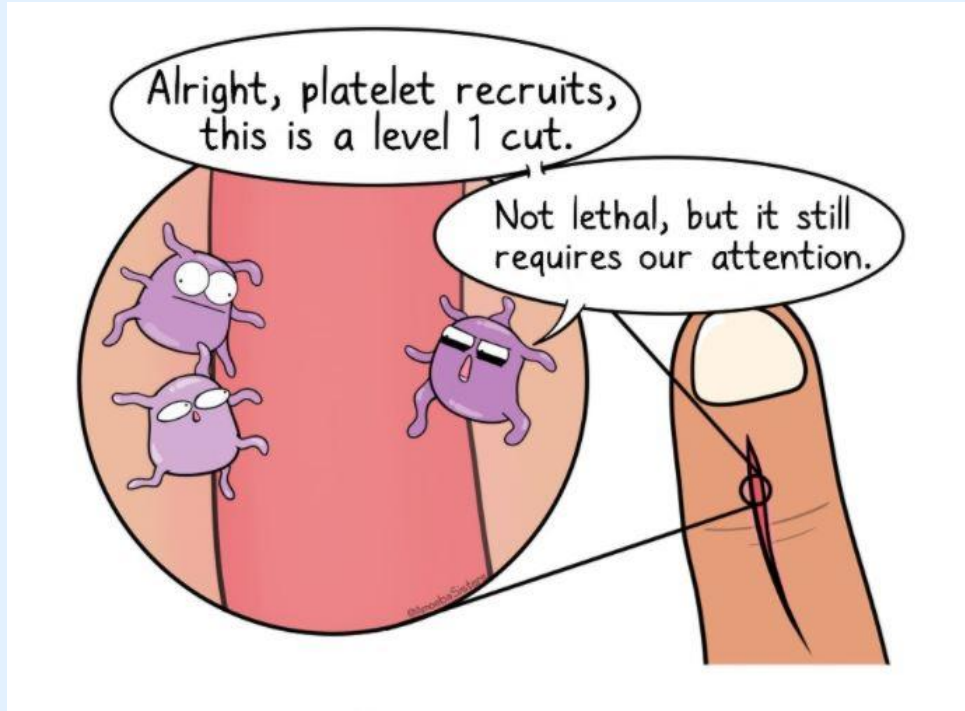


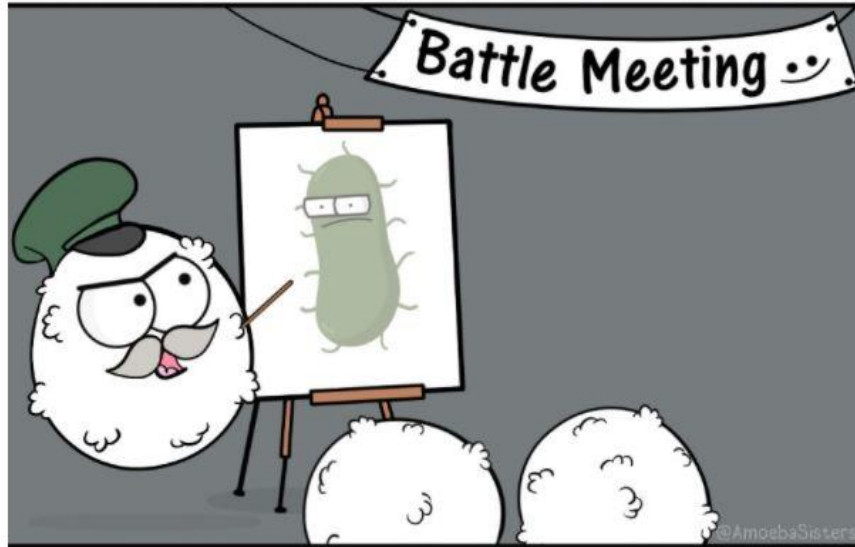
Parts of Blood



Platelets

Large cell fragments that help form blood clots





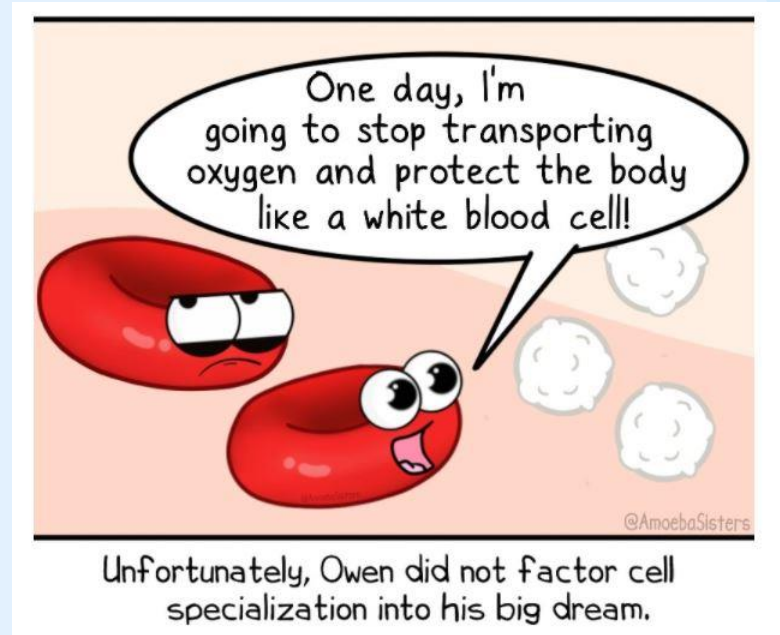
White blood cells: waging war with pathogens while you're watching cat videos.

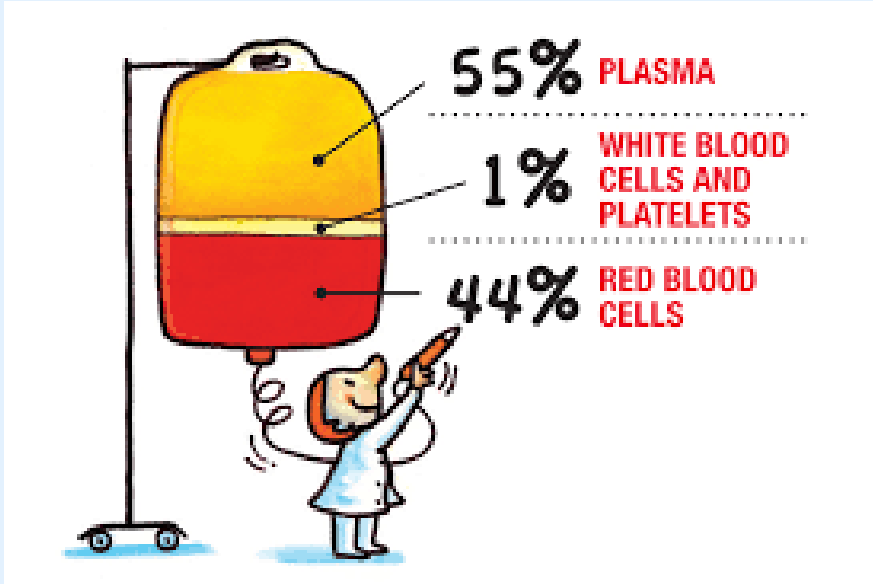
White Blood Cells

Helps fight
infections

Red Blood Cells

Transports oxygen and carbon dioxide throughout the body





Plasma

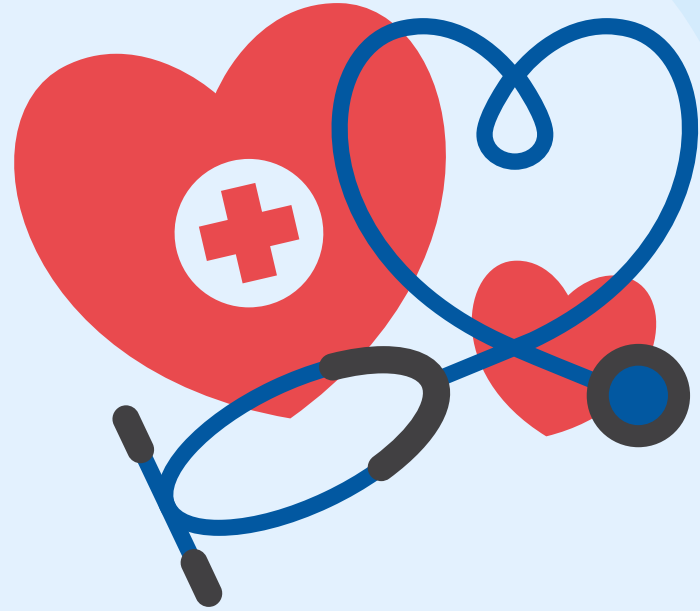
The fluid part that makes up the majority of blood

Fill out your human body chart

Human Body Systems

| System | Structure (organs or parts) | Function (what each organ or part do) |
|---------------|-----------------------------|---------------------------------------|
| Digestive | | |
| Excretory | | |
| Circulatory | | |
| Integumentary | | |
| Skeletal | | |
| Nervous | | |
| Respiratory | | |
| Musculary | | |

**Explore
more!**



Explore more

- Information about the circulatory system: <https://kidshealth.org/en/teens/heart.html> and <https://artsandculture.google.com/story/human-anatomy-circulatory-system/OgWx9mWzKoz3KQ?hl=en>
- Interactive information about the system: <https://www.cpalms.org/PreviewResourceStudentTutorial/Preview/167820>
- Show of blood flow in the heart and lungs: https://watchlearnlive.heart.org/CVML_Mobile.php?moduleSelect=bldflo
- Heart trivia: <https://www.healthline.com/health/fun-facts-about-the-heart>
- Monitor your heart beat with a straw and clay:
<https://www.abc.net.au/science/surfingscientist/straw.heart.monitor.htm>

<https://www.youtube.com/watch?v=ruM4Xxhx32U>

https://www.youtube.com/watch?v=_eVG45_iF9U

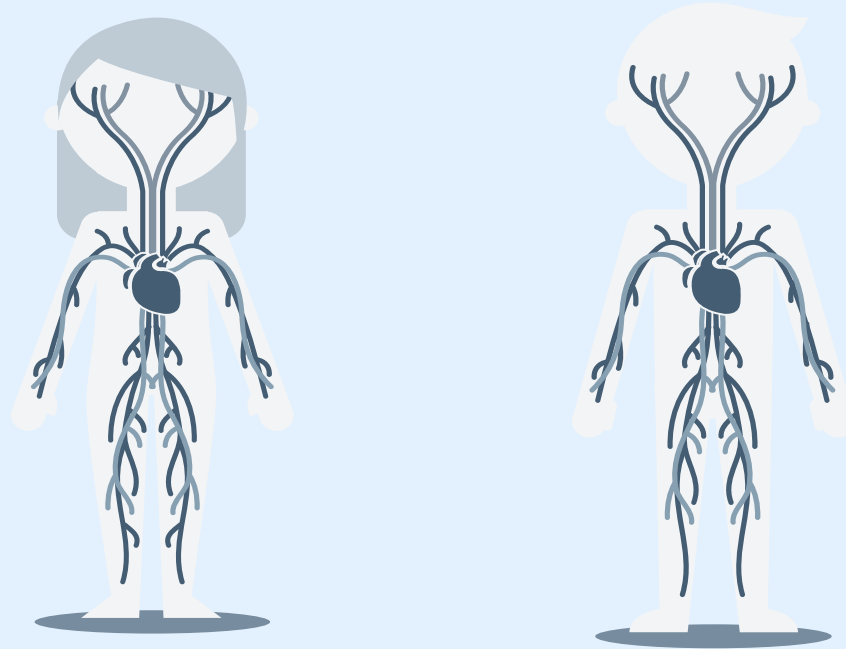


YOU CAN'T LIVE ALONE



SHARING IS CARING

The Circulatory System



Blood

Today is a Working Wednesday! Either work on missing work or explore more about blood and the circulatory system!
Blood Pressure

- Blood pressure information: https://kids.kiddle.co/Blood_pressure
- Understanding your blood pressure readings: <https://www.heart.org/en/health-topics/high-blood-pressure/understanding-blood-pressure-readings>
- How it is measured: <https://www.practicalclinicalskills.com/blood-pressure-measurement>

Blood Types

- Blood types information: <https://kidshealth.org/en/teens/blood-types.html>
- More information about blood types like how it gets based from your parents: <https://www.redcrossblood.org/donate-blood/blood-types.html>
- Why blood donation is really important: <https://www.redcrossblood.org/donate-blood/how-to-donate/how-blood-donations-help.html>

Blood Colors

- <https://www.thoughtco.com/animals-with-blue-or-yellow-blood-3975999>
- <https://animals.howstuffworks.com/animal-facts/5-animals-whose-blood-isnt-red.htm>
- <https://www.theatlantic.com/science/archive/2018/05/why-do-these-lizards-have-green-blood/560543/>

Real Life Vampires

- <https://www.guinnessworldrecords.com/news/2018/10/wild-vampires-the-bloodthirsty-animals-which-give-dracula-a-run-for-his-money-th-545419>
- <https://animals.howstuffworks.com/mammals/blood-sucking-animals.htm>
- <https://www.smithsonianmag.com/science-nature/seven-vampires-arent-bats-bela-lugosi-180953188/>

<https://www.youtube.com/watch?v=Ab9OZsDECZw>

<https://www.youtube.com/watch?v=K-sSd31uEnU>

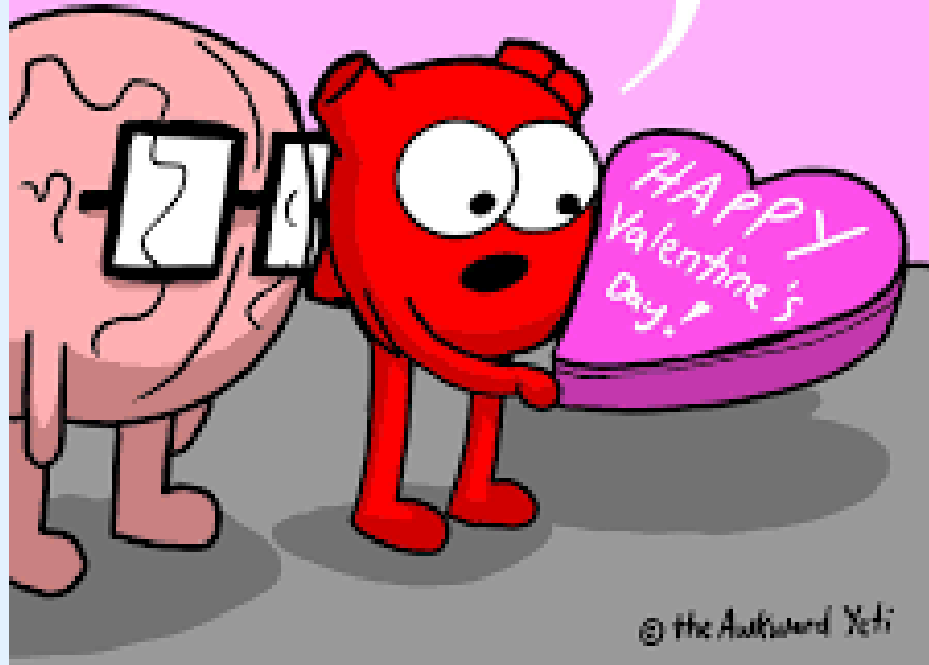
<https://www.youtube.com/watch?v=DDcsnZ0nYB0>

<https://www.youtube.com/watch?v=xfZhb6lmxjk>

The background features a light blue gradient with several overlapping, semi-transparent light blue shapes. A thin red line curves across the top, and a thin blue line curves across the bottom.

So what did you learn?

Talk about impossible
body standards...



© the Awkward Yeti

Materials need for today's lab

- Turkey baster
- Bowl or pot of water
- Piece of paper
- Sponge
- Cardboard or plate
- And lots of paper towels!



Lab Instructions

Paper

How does having a piece of paper at the bottom of the turkey baster affect its ability to pull up water?

Sponge

How does having a sponge at the bottom of the turkey baster affect its ability to pull up water?

Cardboard

How does having cardboard at the bottom of the turkey baster affect its ability to pull up water?

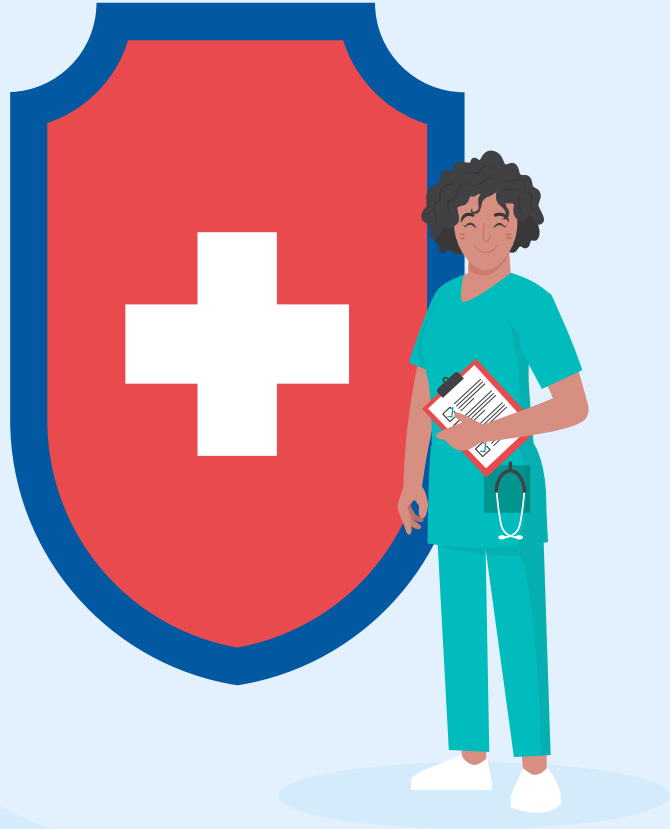
What happened?

Answer the Google Classroom question!



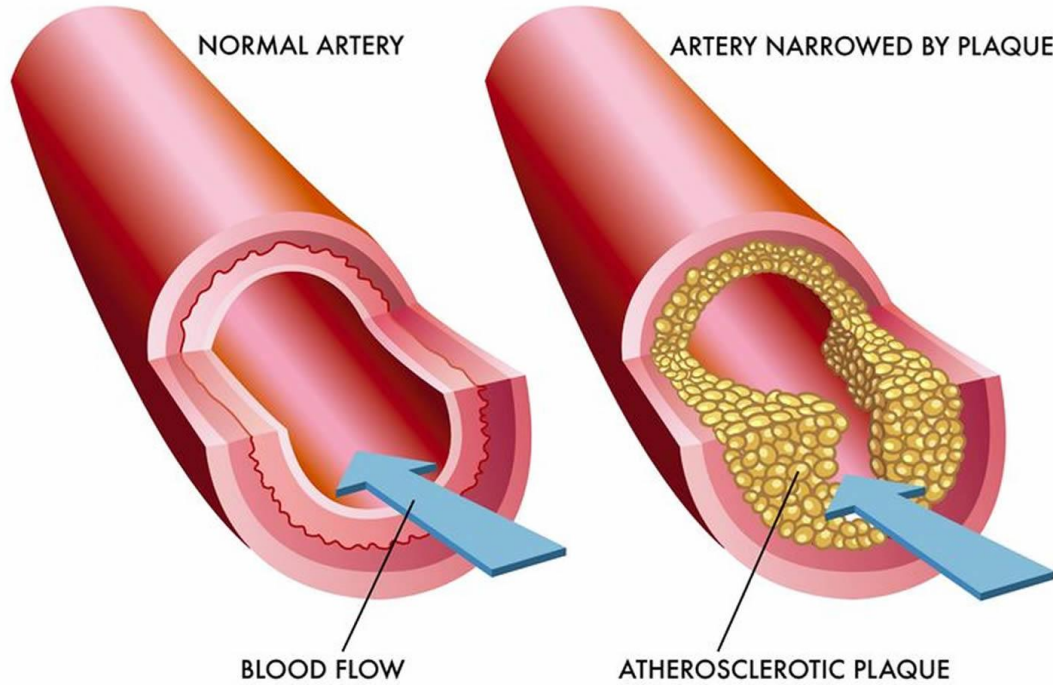
**How does this
relate to the
circulatory
system?**





Clogged Arteries

ATHEROSCLEROSIS





How to lower
blood pressure

Prevention

Healthy weight
is helpful

01

Eating right and
drinking water

02

Exercise is
important

03

