

IS IT A BACTERIA
OR VIRUS?

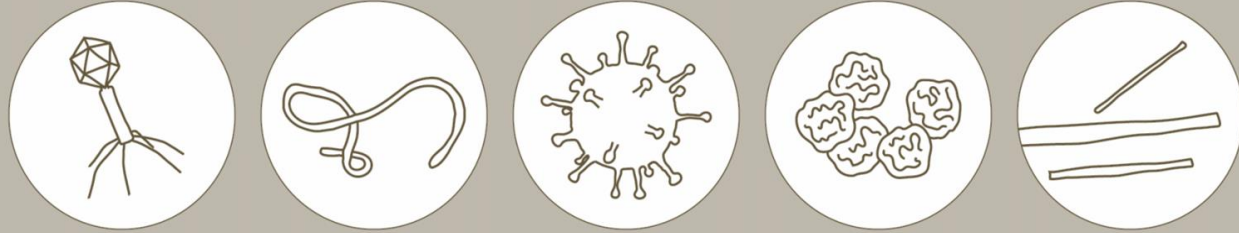
HOW TO PLAY

- This is a matching/memory game
- Take 30 seconds to memorize the common virus and bacteria shapes
- Go through the slides and decide if it is a virus or bacteria based on the shapes you memorized
- Along the way you will learn some facts about each virus and bacteria after guessing

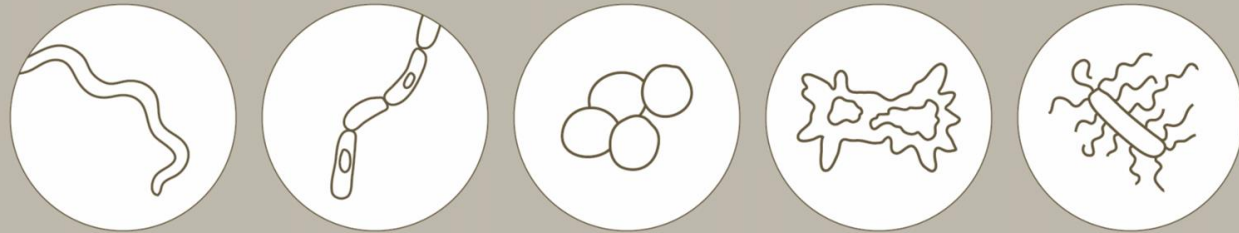
COMMON SHAPES

Spend 30 seconds looking and memorizing these shapes and which category they belong to

VIRUS

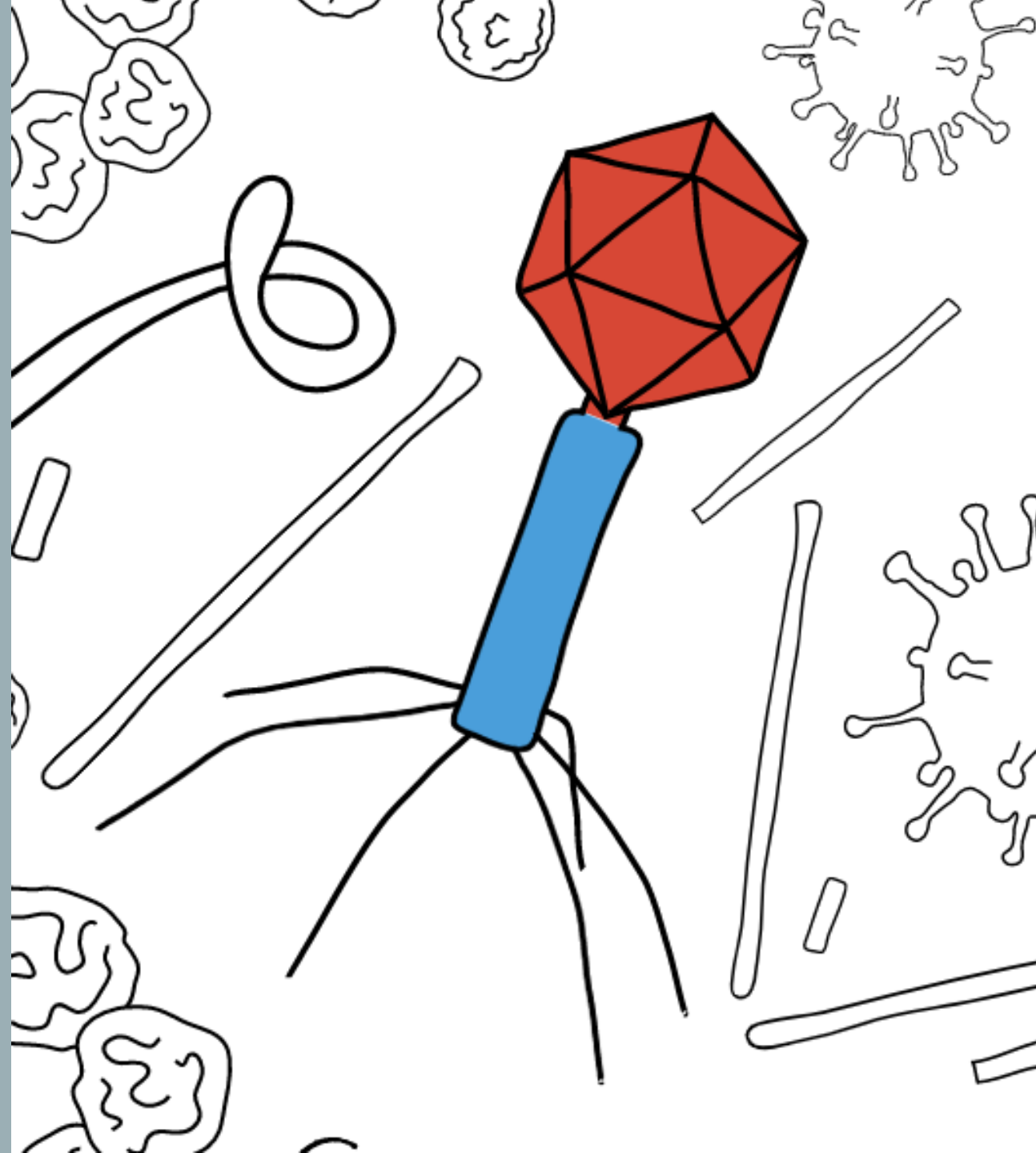


BACTERIA



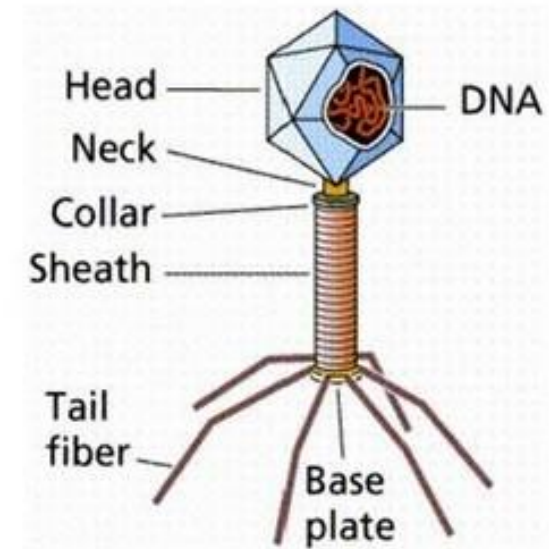
IS THIS A VIRUS OR
BACTERIA?

Hint: This microorganism uses its legs
to attach on to its host cell.



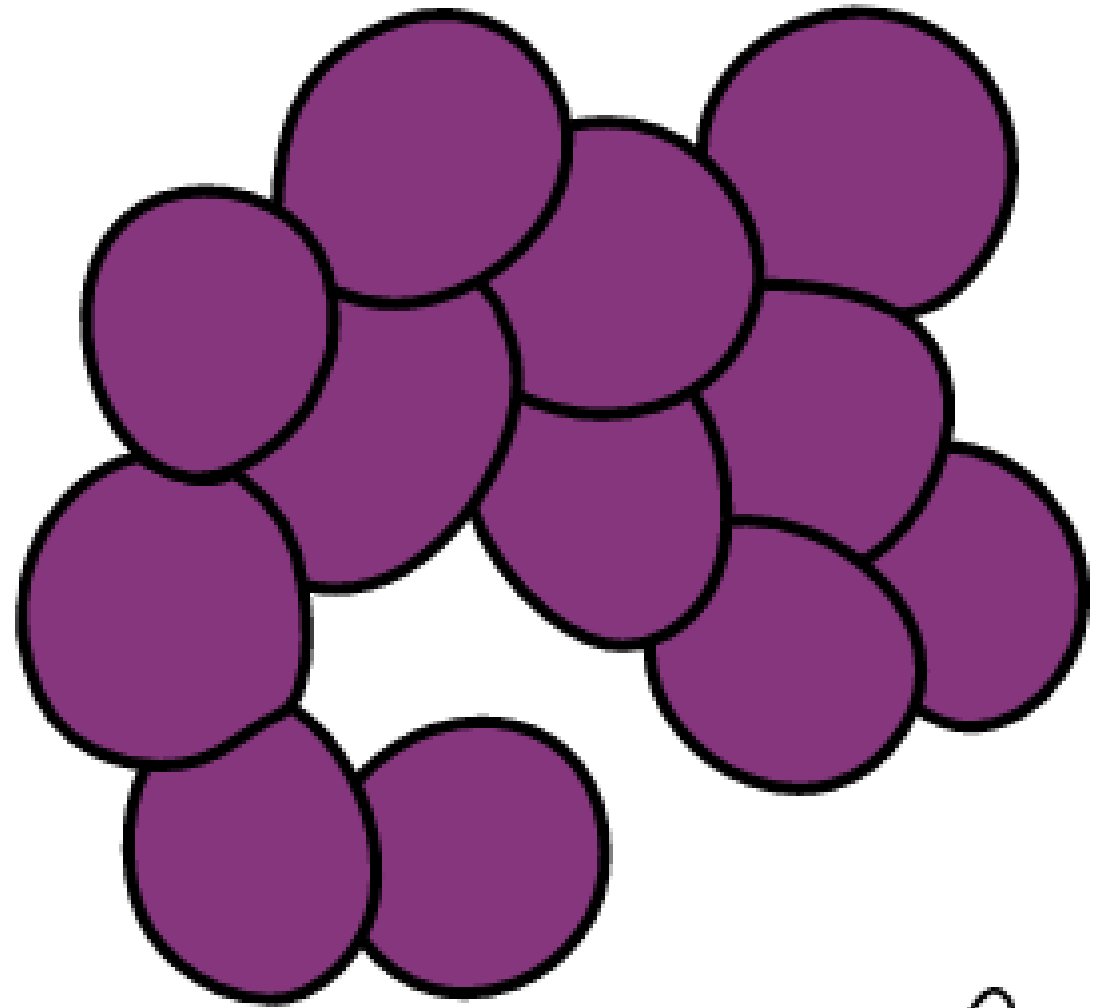
IT IS A VIRUS KNOWN AS A BACTERIOPHAGE

- Fun Facts
 - These types of viruses inject their DNA into the host cell using a needle like structure.
 - Bacteriophages were used to treat bacterial infections before antibiotics were discovered.



IS THIS A VIRUS OR
BACTERIA?

Hint: This microorganism makes its
own energy.



IT IS A BACTERIA KNOWN AS *STAPHYLOCOCCI*

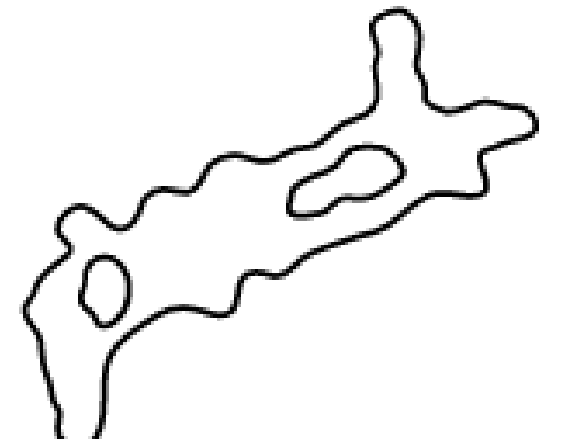
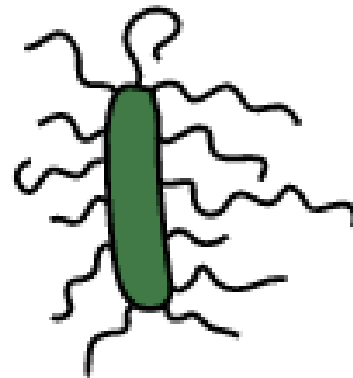
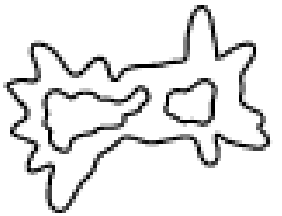
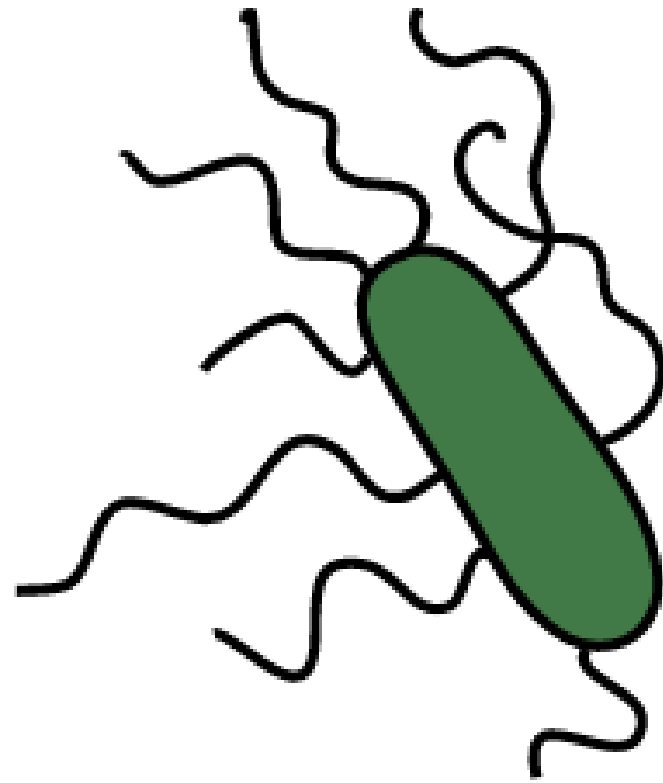
- Fun Facts
 - This bacteria can live on your skin without causing any harm because the skin makes a great barrier for protection.



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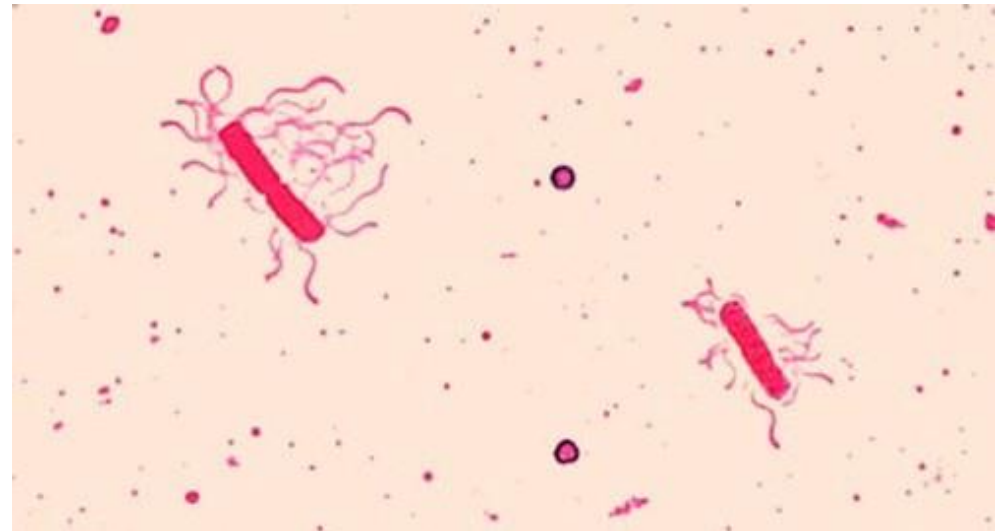
IS THIS A VIRUS OR
BACTERIA?

Hint: This microorganism uses moves
around with flagella.



IT IS A BACTERIA KNOWN AS *BACILLUS*

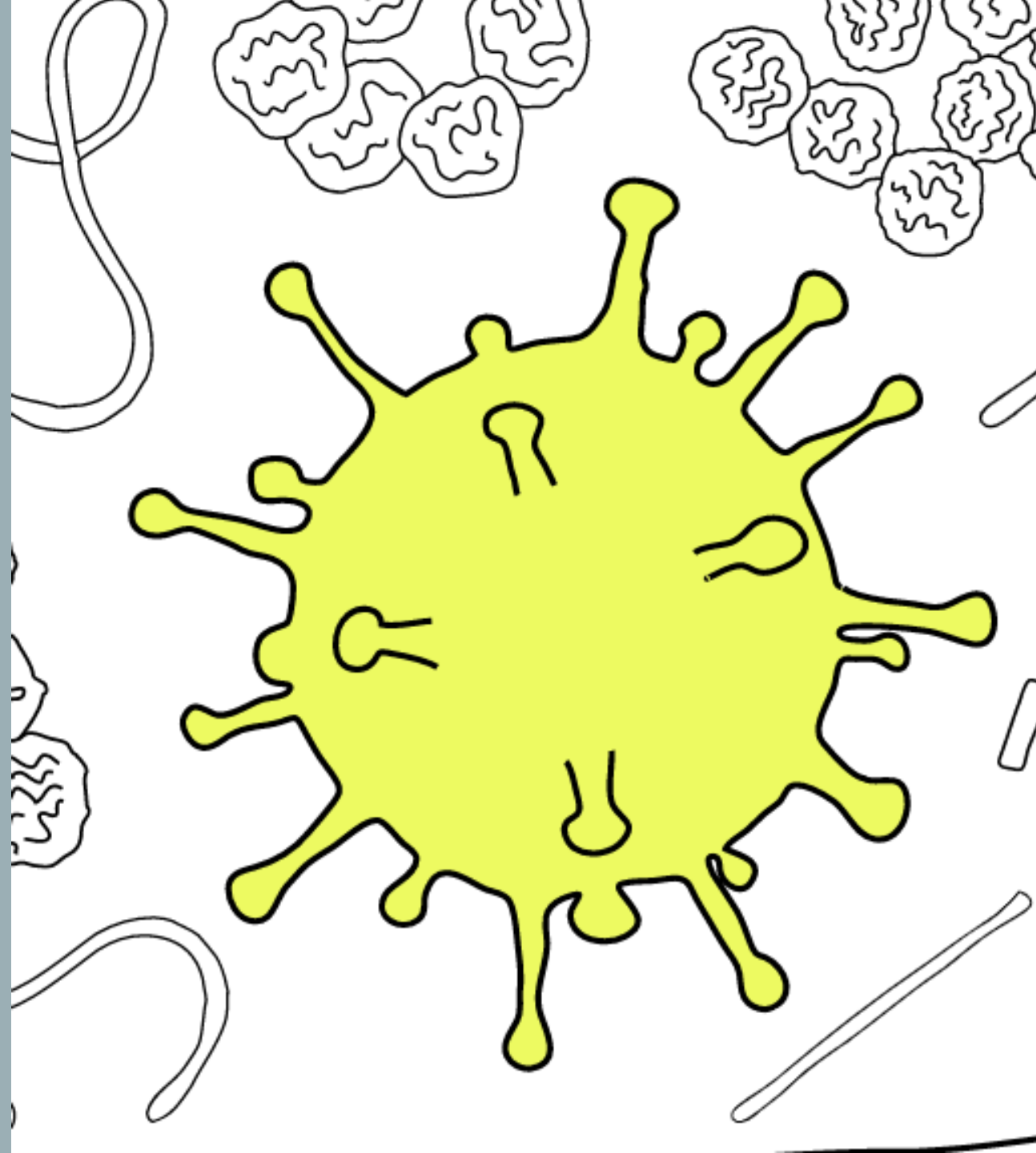
- Fun Fact
 - These are rod shaped bacteria that are found in soil, water, and sometimes dust.



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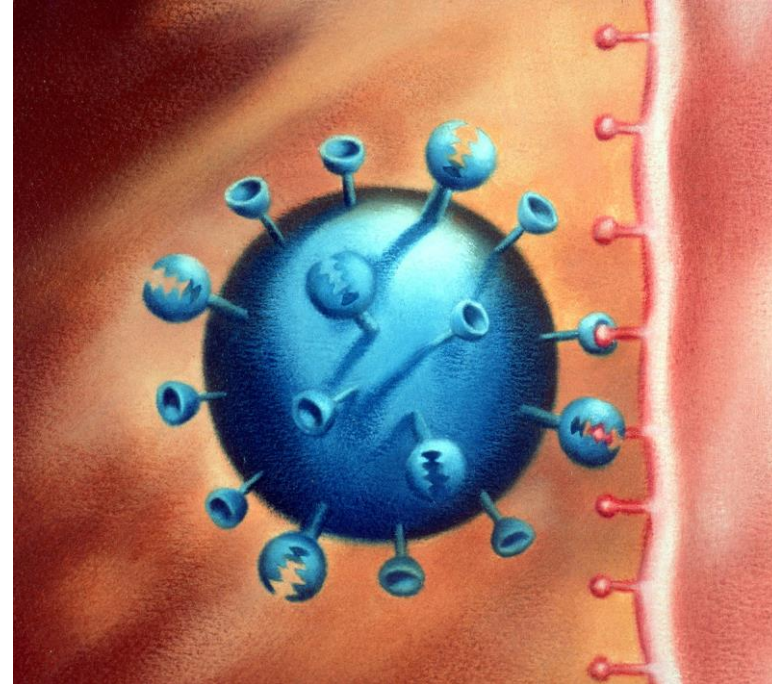
IS THIS A VIRUS OR
BACTERIA?

Hint: This microorganism cannot be
treated with antibiotics.



IT IS A VIRUS KNOWN AS INFLUENZA

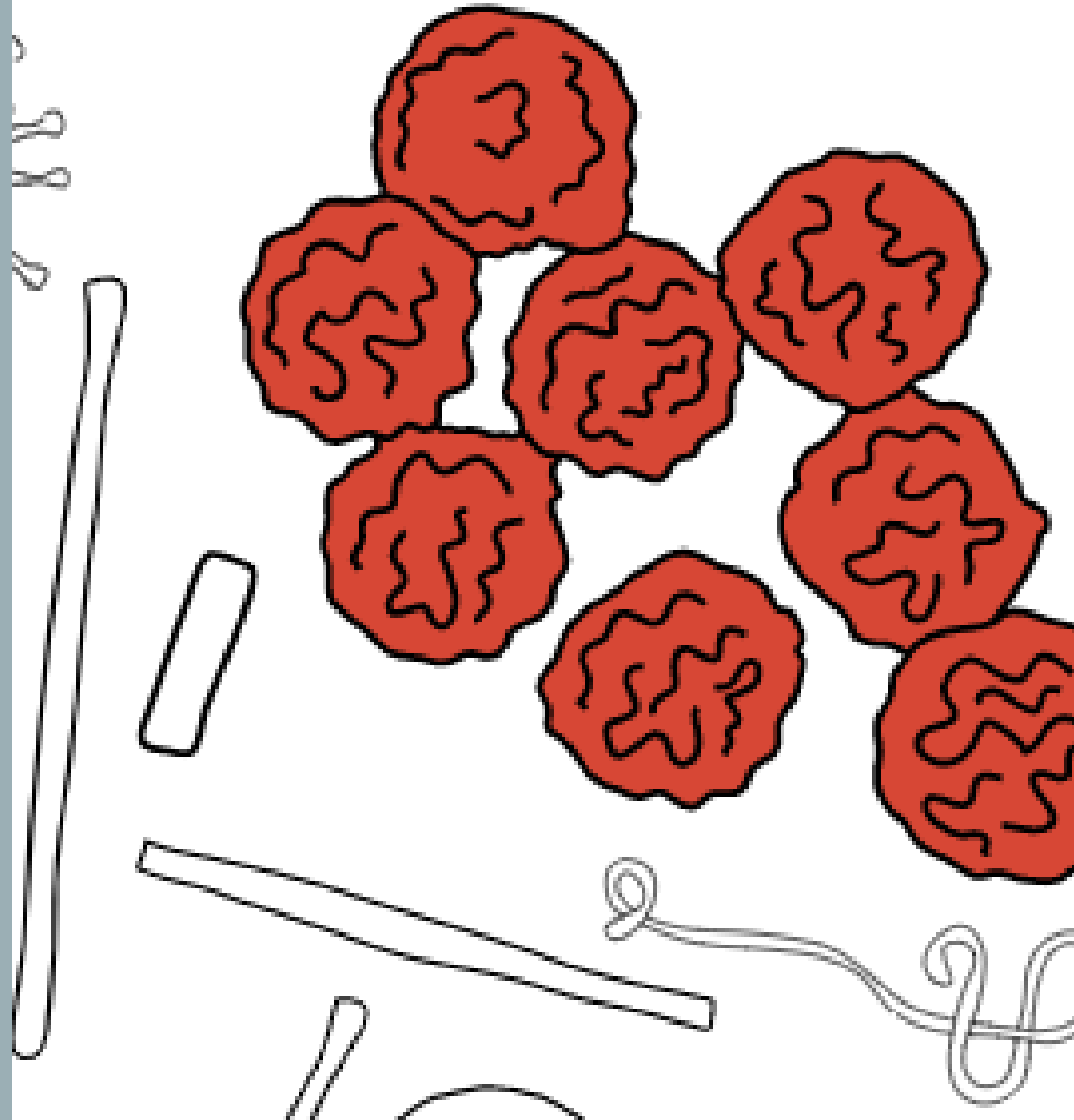
- Fun Fact
 - Every year you should get the flu shot to protect you from getting influenza.
 - There are many different types of influenza because the virus can change its proteins.



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IS THIS A VIRUS OR BACTERIA?

Hint: This microorganism creates a sickness that is like the common cold.



IT IS A VIRUS KNOWN AS RHINOVIRUS

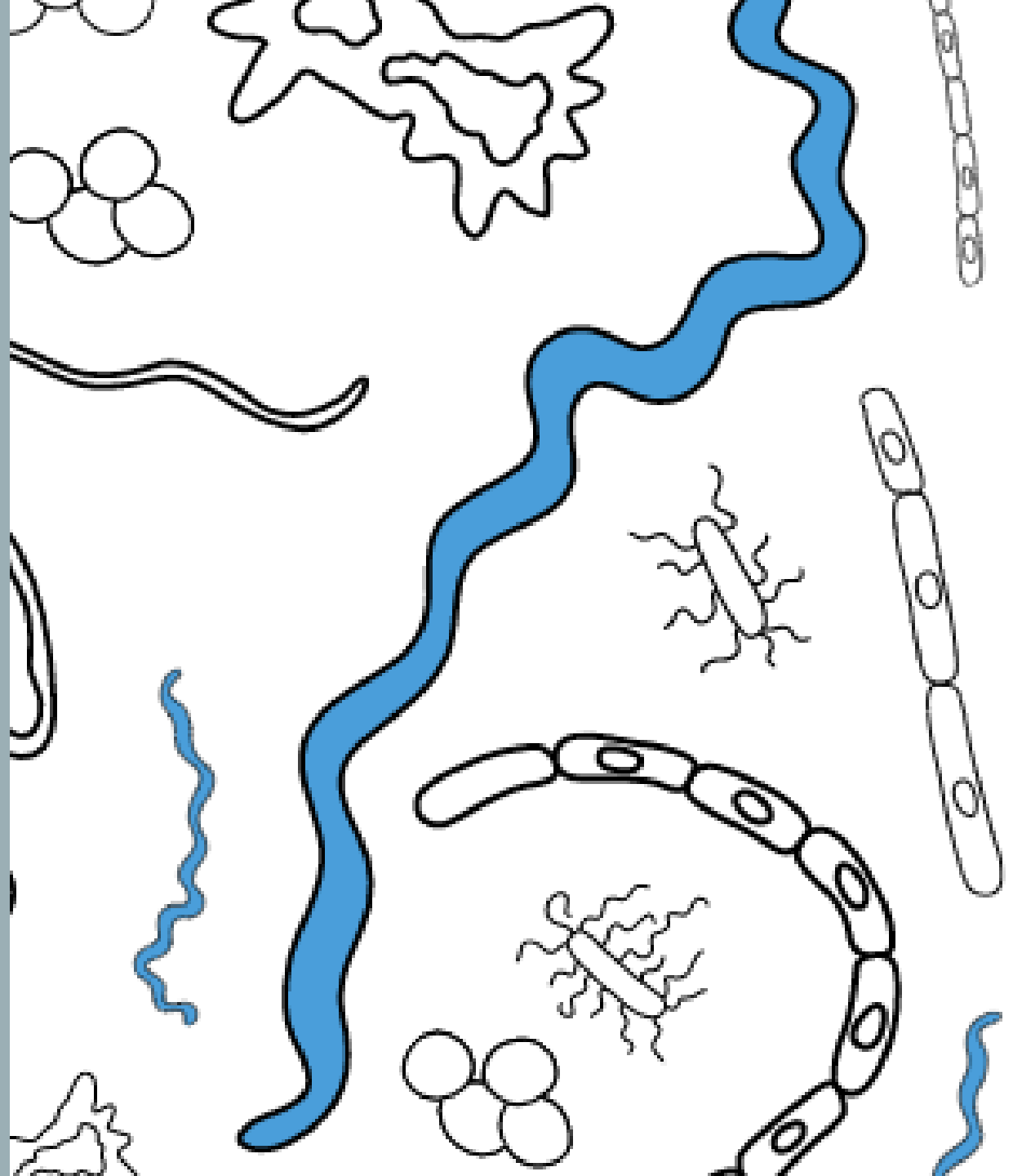
- Fun Facts
 - It gets its name "Rhino" because when you get sick from the Rhinovirus it infects your nose cells.



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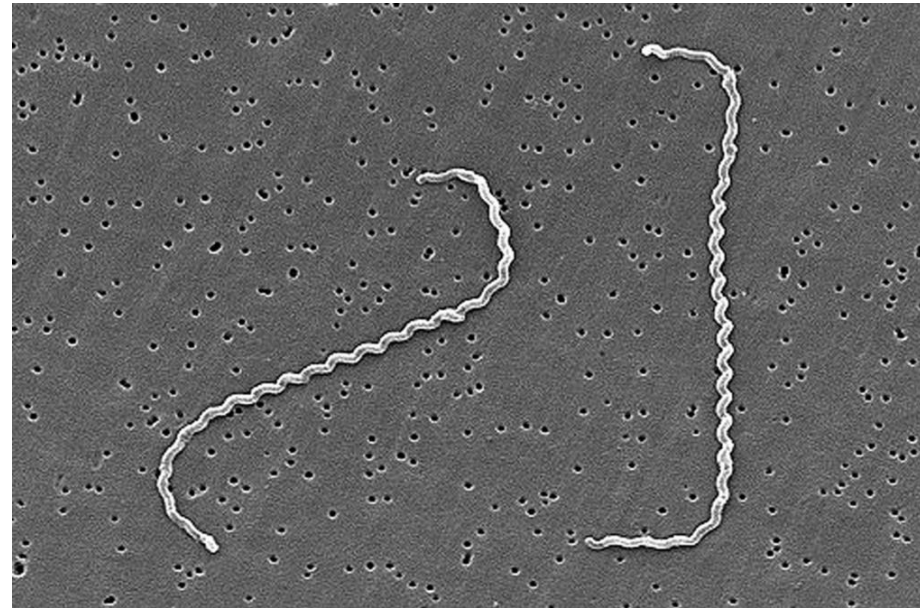
IS THIS A VIRUS OR BACTERIA?

Hint: This microorganism uses its tiny flagella to move around and infect cells.



IT IS A BACTERIA KNOWN AS A SPIROCHETE

- Fun Facts
 - These cells are shaped like spirals which help them move.
 - These bacteria can live without oxygen.



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HERE ARE SOME MORE
FUN GAMES TO LEARN
ABOUT VIRUSES AND
BACTERIA

For Younger Kids

- [How Lou Got the Flu](#)
- [Microbe Coloring Book](#)
- [Bacteria In the Cafeteria](#)

For Older Kids

- [What Do Humans Know About the Human Microbiome](#)
- [Make A Home For Microbes Experiment](#)