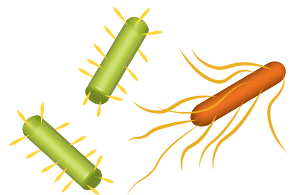
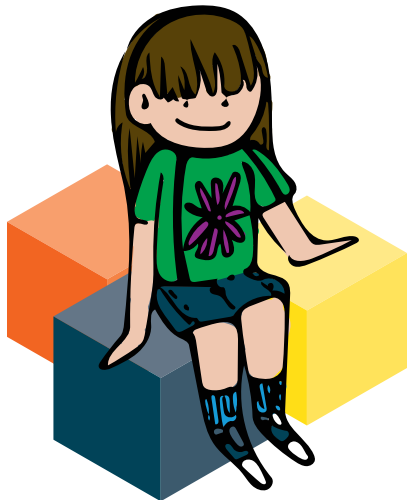
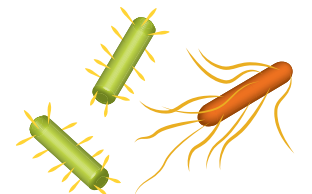


The Microbes in You: An Introduction to Microbiology



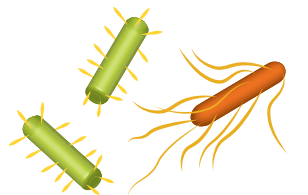
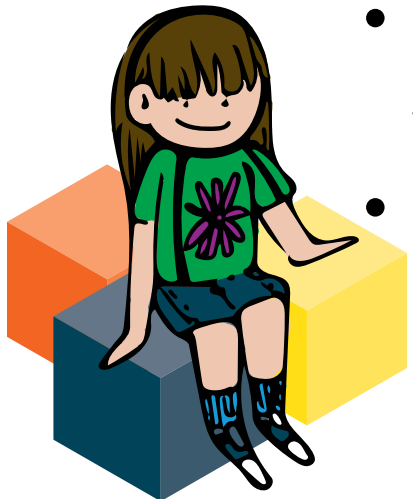
What is Microbiology?

- An organism is an individual form of life.
- Biology is the study of life.
- Microbiology is the study of microorganisms or microbes, which are very small organisms that cannot be seen with the human eye.



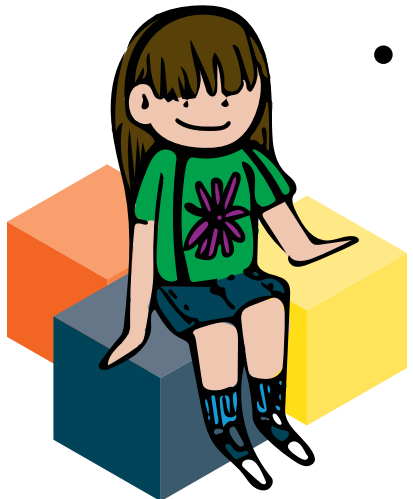
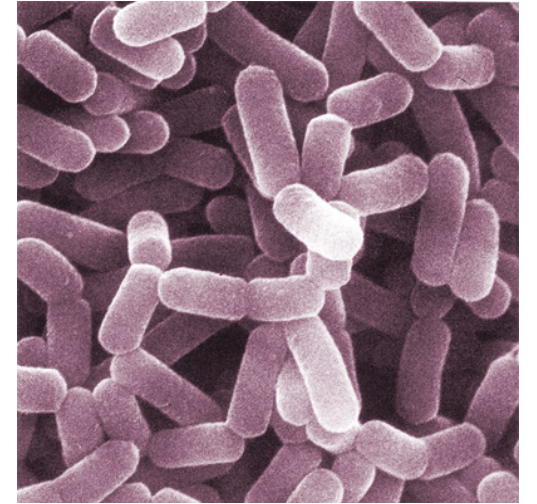
What are Microbes?

- Microbes are single-cell living organisms that fit on the tiny end point of a needle.
- **Microbes are the oldest form of life on earth.**
- *Microbes are literally everywhere! They are in the air, in our food, inside us, and all around us!*
- We could not digest food or breathe without them, so they are very important.
- Understanding microbes helps us understand the past and the future.



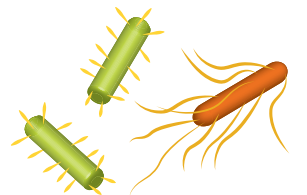
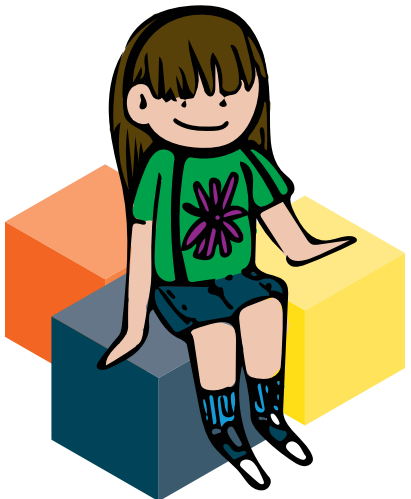
More about Microbes

- We always hear about bacteria and viruses (types of pathogens) when we talk about microbes, but it is necessary to remember that not all microbes and microorganisms are bad.
- Some help us digest our food.
- There are different types of bacteria found in yogurt because yogurt is a live culture with living microorganisms.



Microbes and Teeth Brushing

- The human mouth contains more than 600 types of bacteria.
- Some of these bacteria protect your mouth, but some we do not want in our mouths. That is why it is recommended to brush your teeth twice a day, floss, and use antiseptic.
- People that eat a lot of sugar should brush their teeth often because there are a lot of sugar-loving bacteria that can get into our mouths.



Microbes in You

It's time to find out what's lurking in your mouth!

