

Bacteria & Antibiotics

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INSPECT-LB

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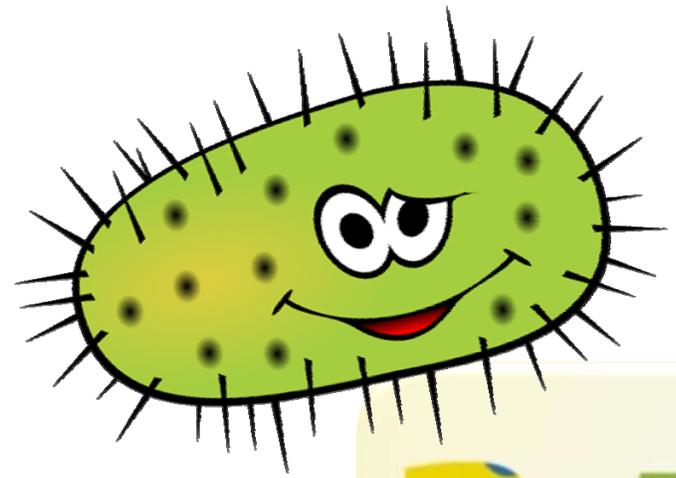




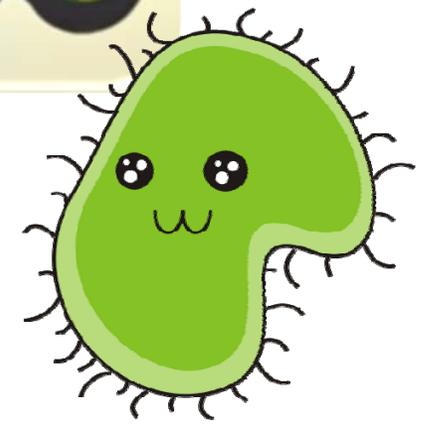
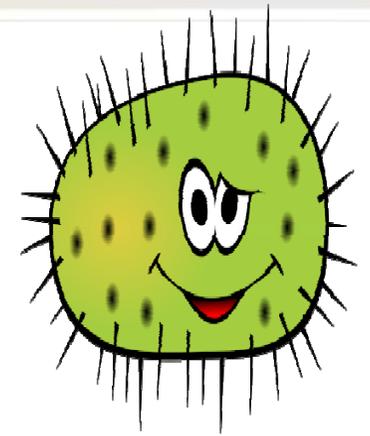
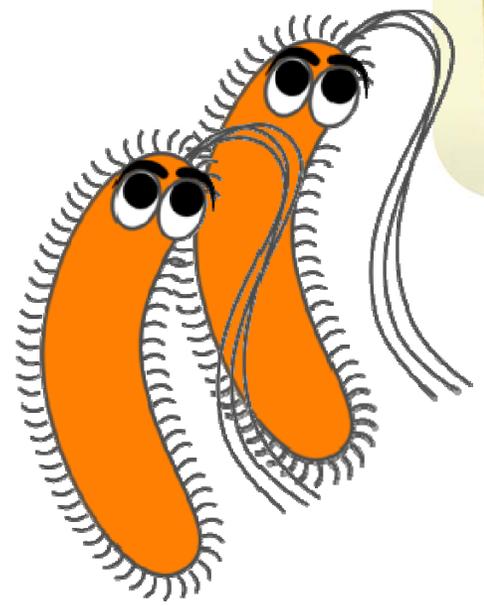
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<https://inspect-lb.org/wp-content/uploads/2021/02/AMR-Junior-English.pdf>

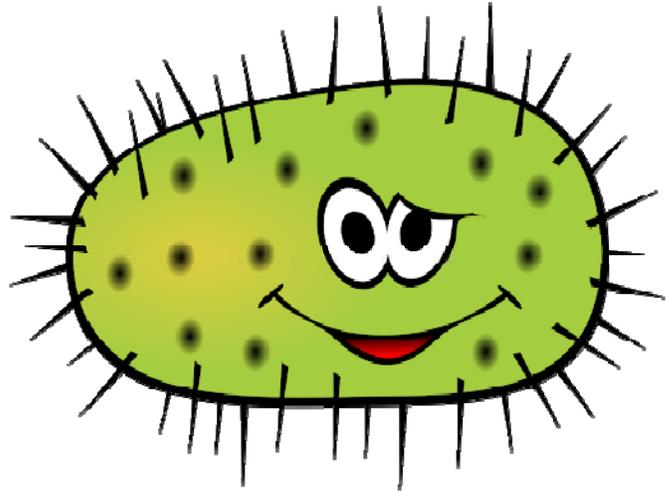


BACTERIA





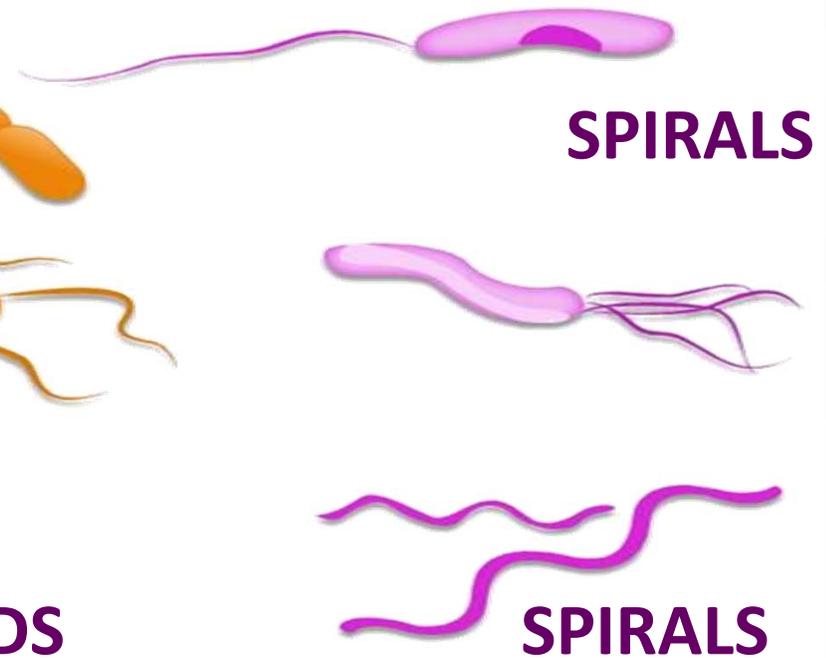
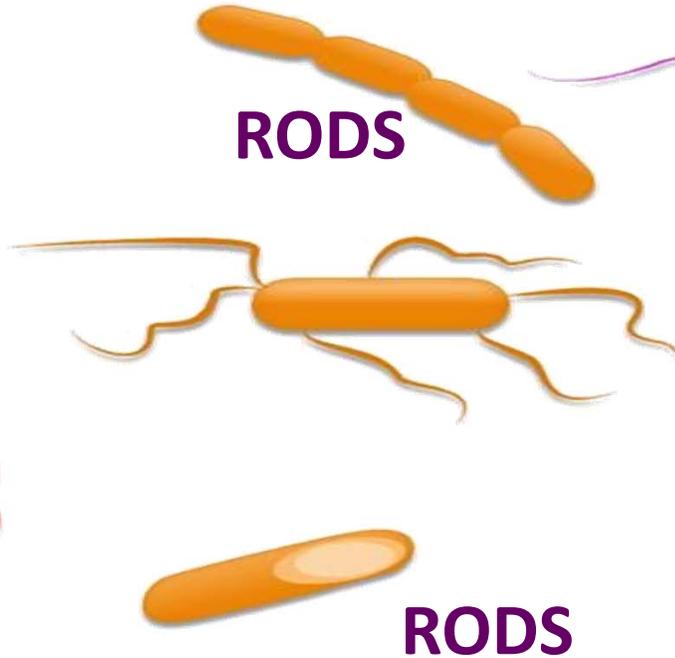
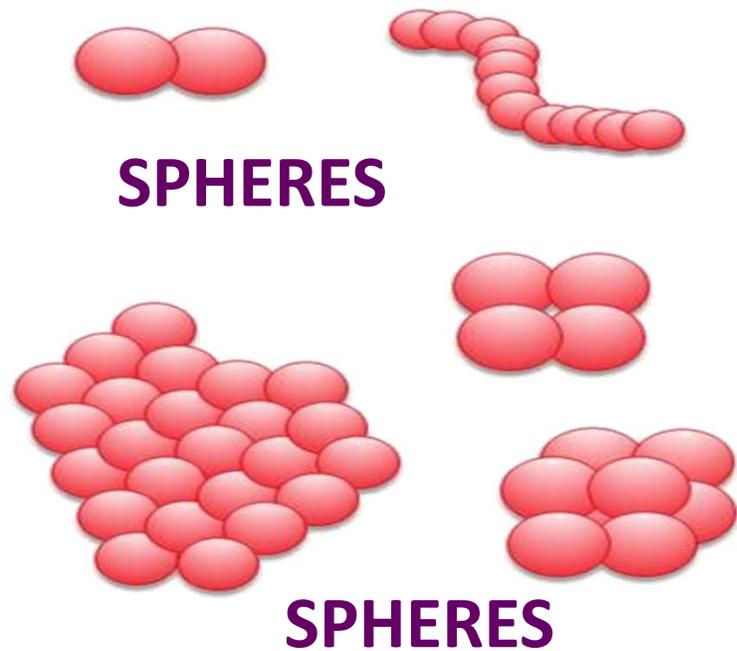
Bacteria is made of just One cell



Our Body is made of multiple cells

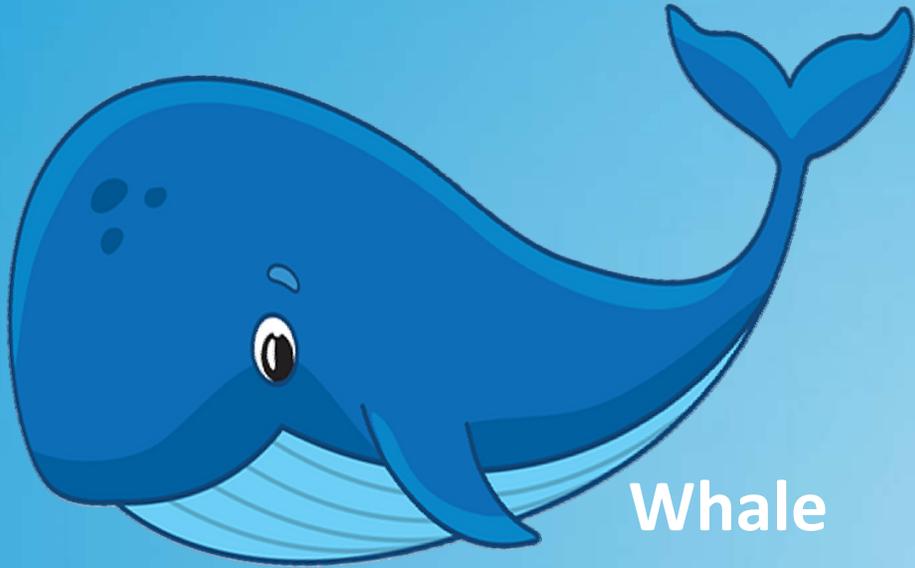


Bacteria has different shapes





Bacteria are very tiny, smaller than...



Whale



Cat



Egg



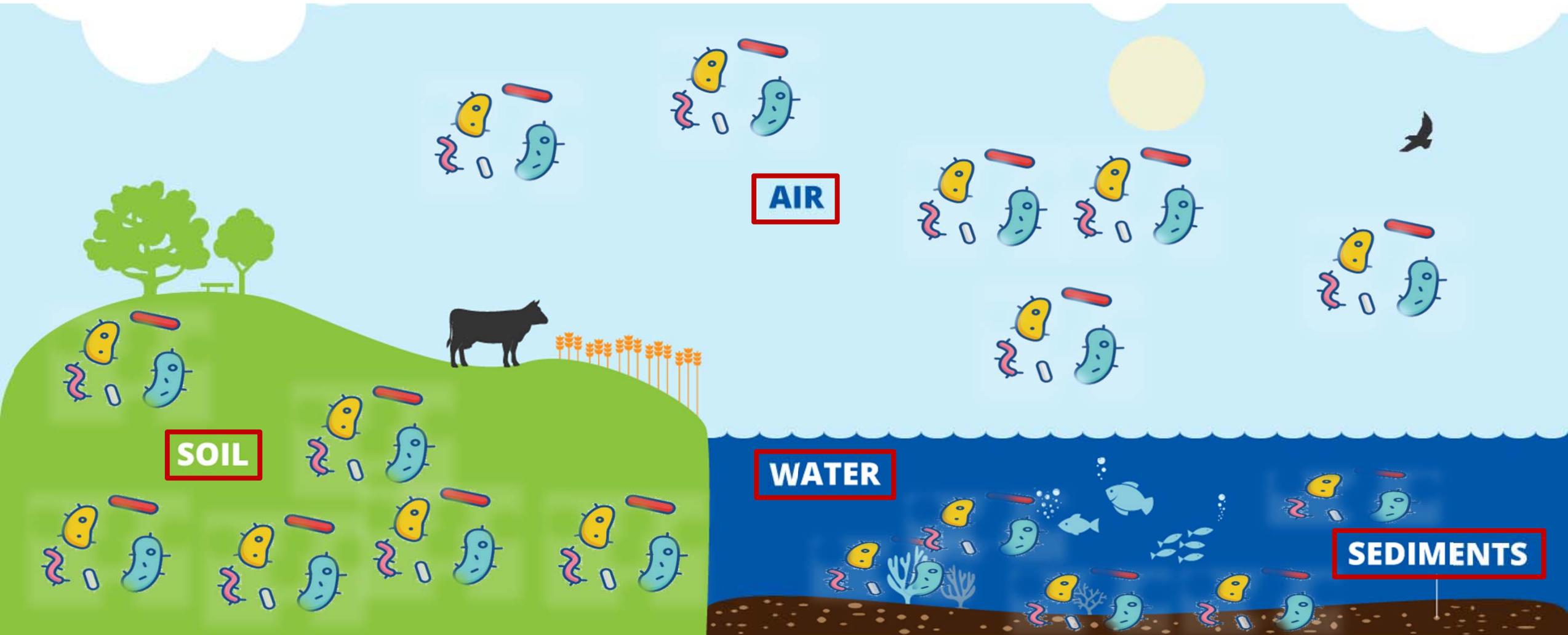
Ant

Small Dot



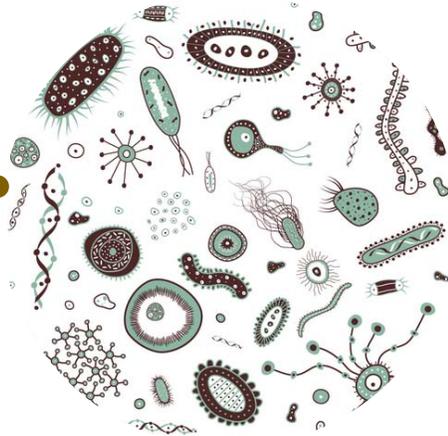
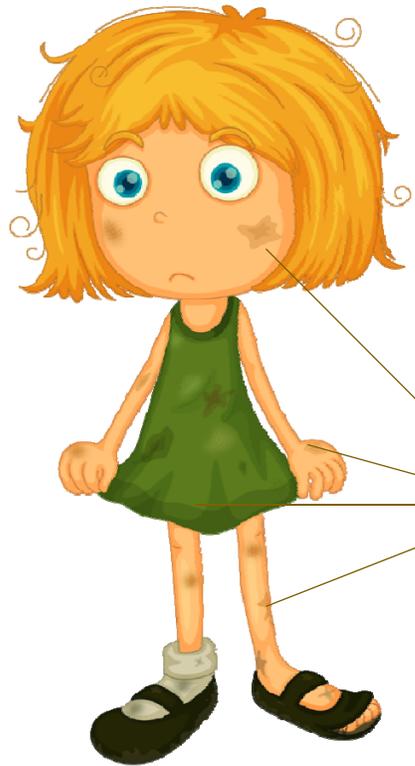


Bacteria are found everywhere





ON your Body

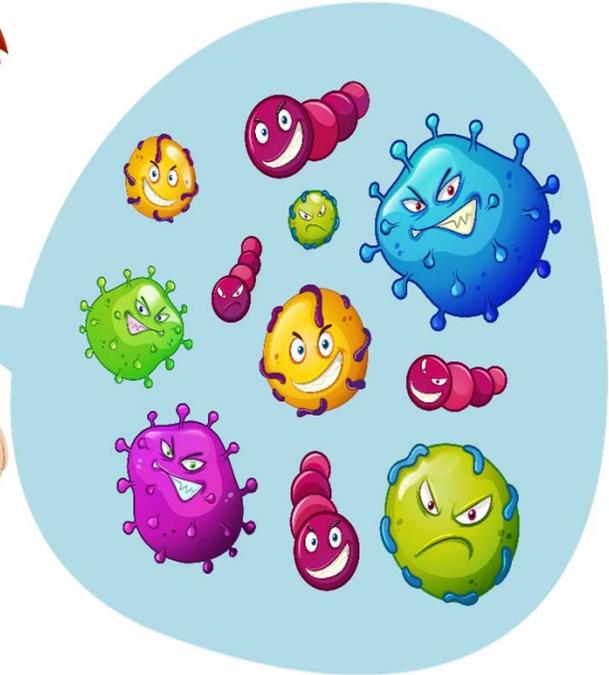
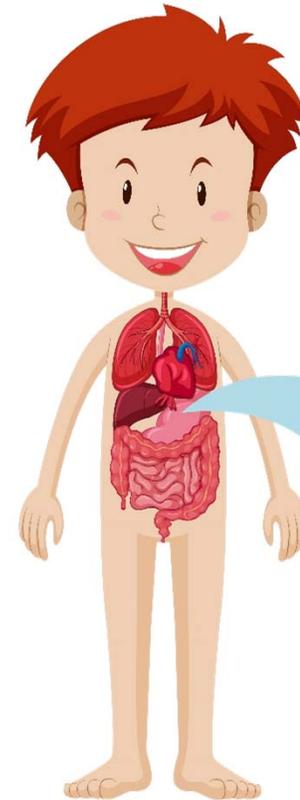


hand

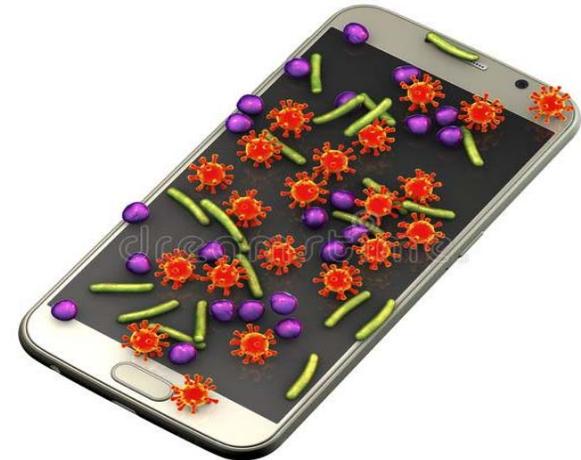


mouth

IN your Body

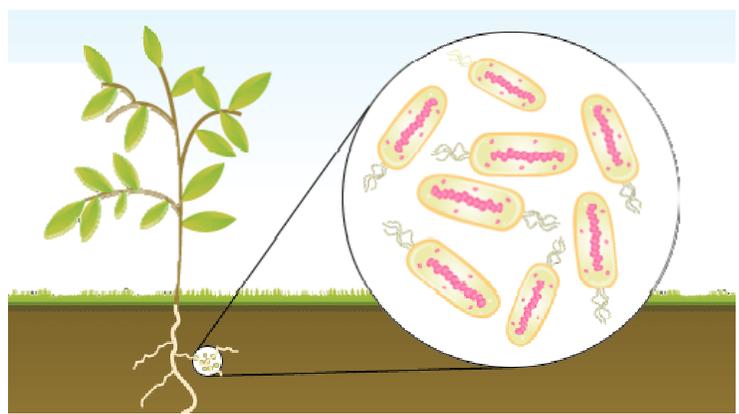
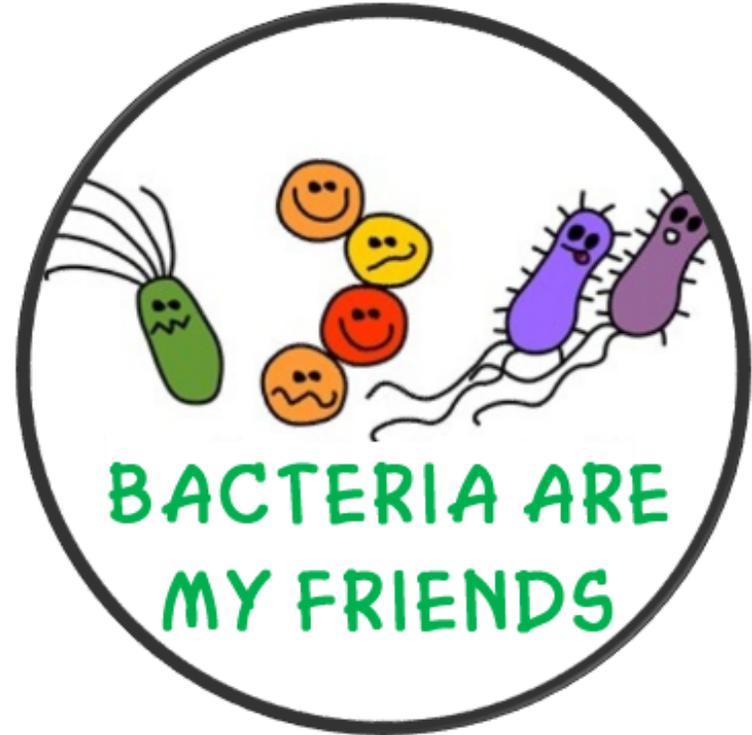


 **On everything you touch**





Good and Bad Bacteria



Help us digest the food we eat

Useful for plant growth

Useful to make food





BAD

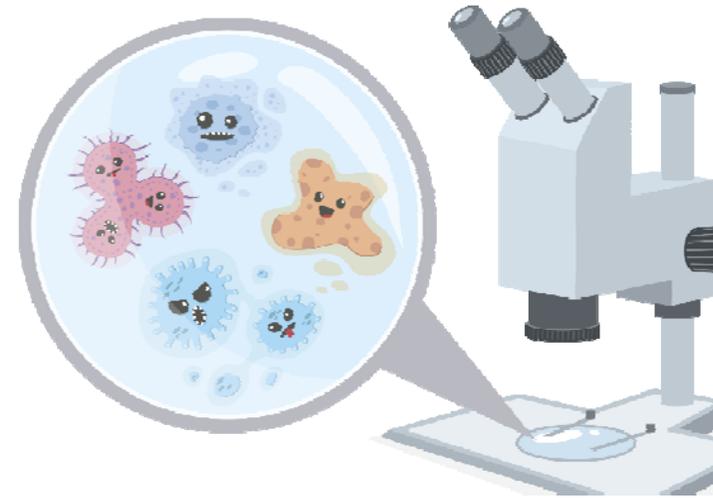
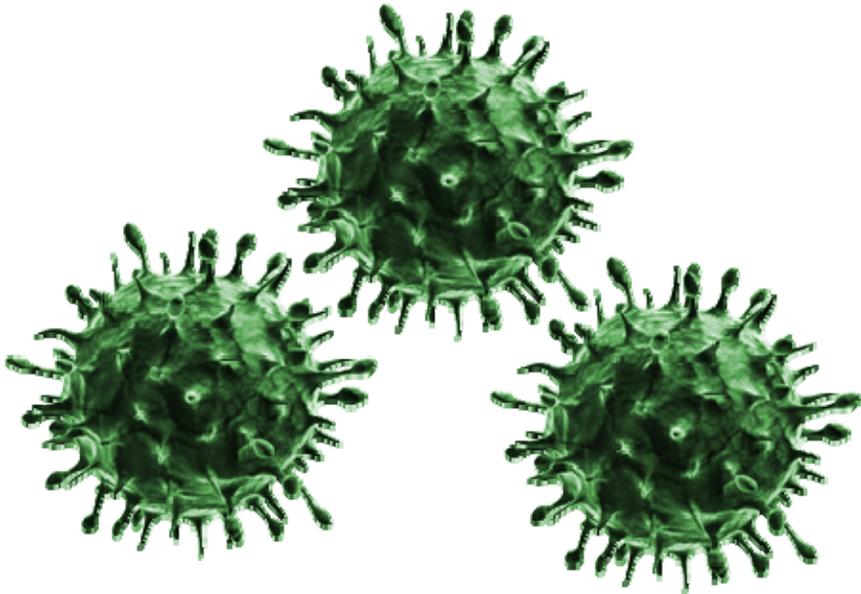
BACTERIA





VIRUSES

VIRUSES cause the FLU and COMMON COLD





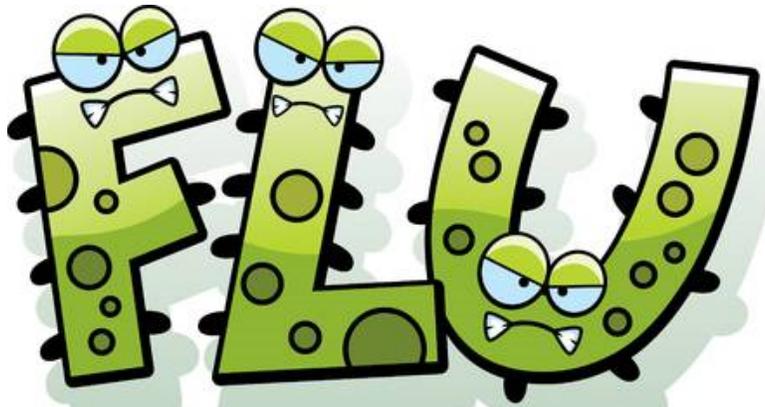
I cannot see the bugs
I am scared
WHAT CAN I DO?



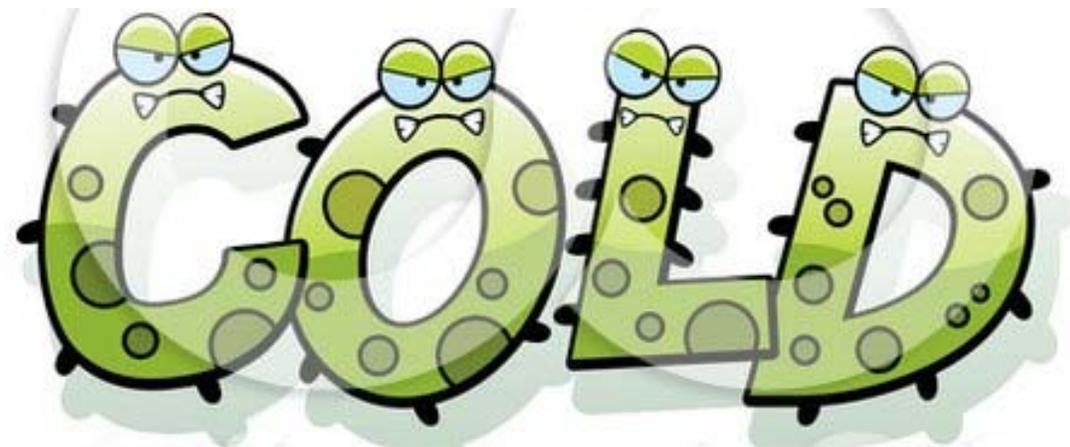


Don't worry!! Today, you
will learn how to protect
yourself from
bad bacteria and viruses



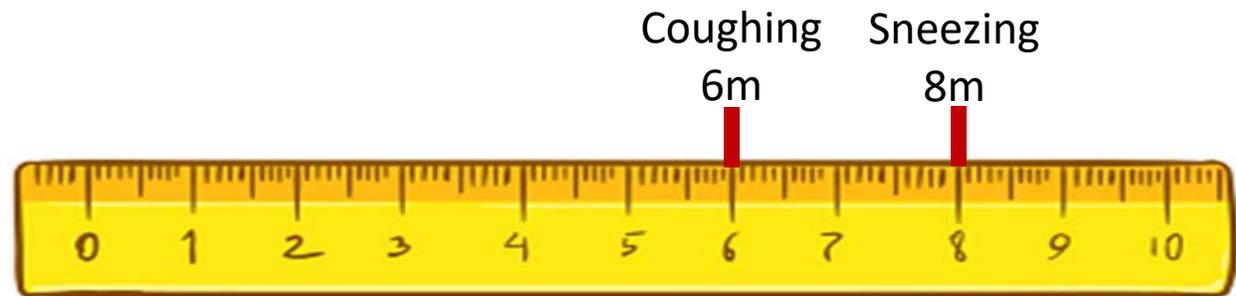
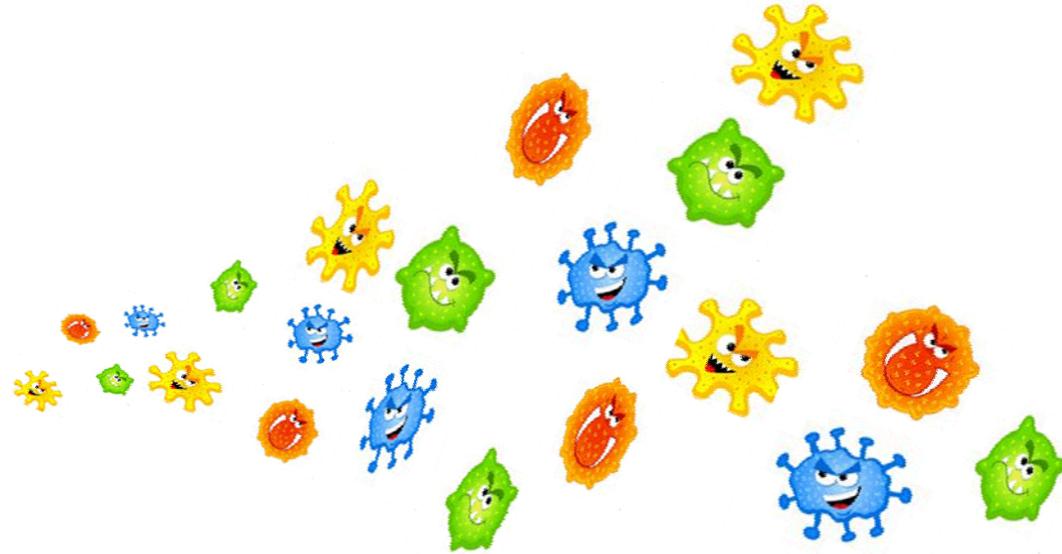


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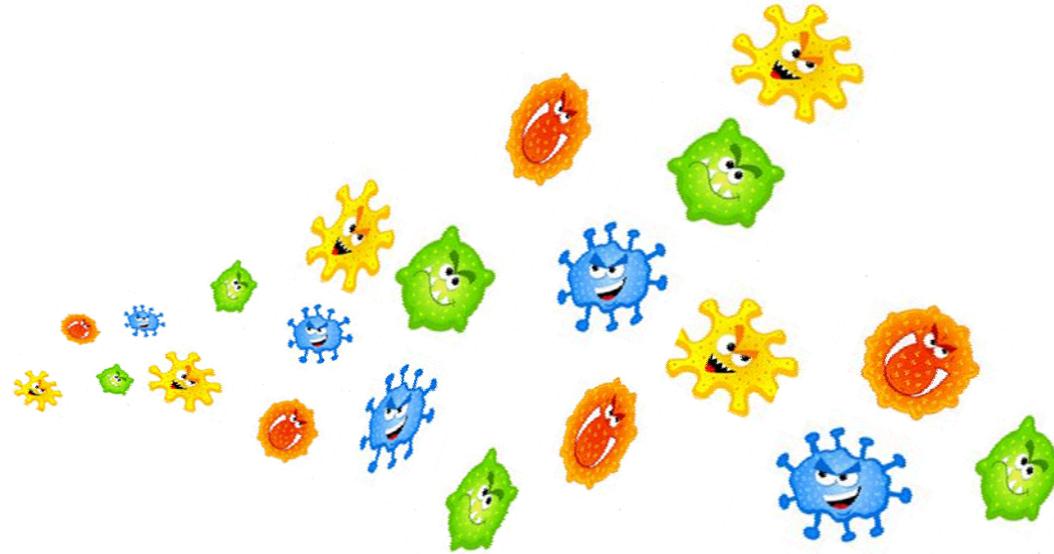


What happens when we cough or sneeze?





My friend is sick, how do I protect myself?





If you see your friend doing this



WRONG!





Tell your friend to do that



Cover your sneeze or cough with a TISSUE



Always use a NEW TISSUE



Directly throw the TISSUE in the garbage bin



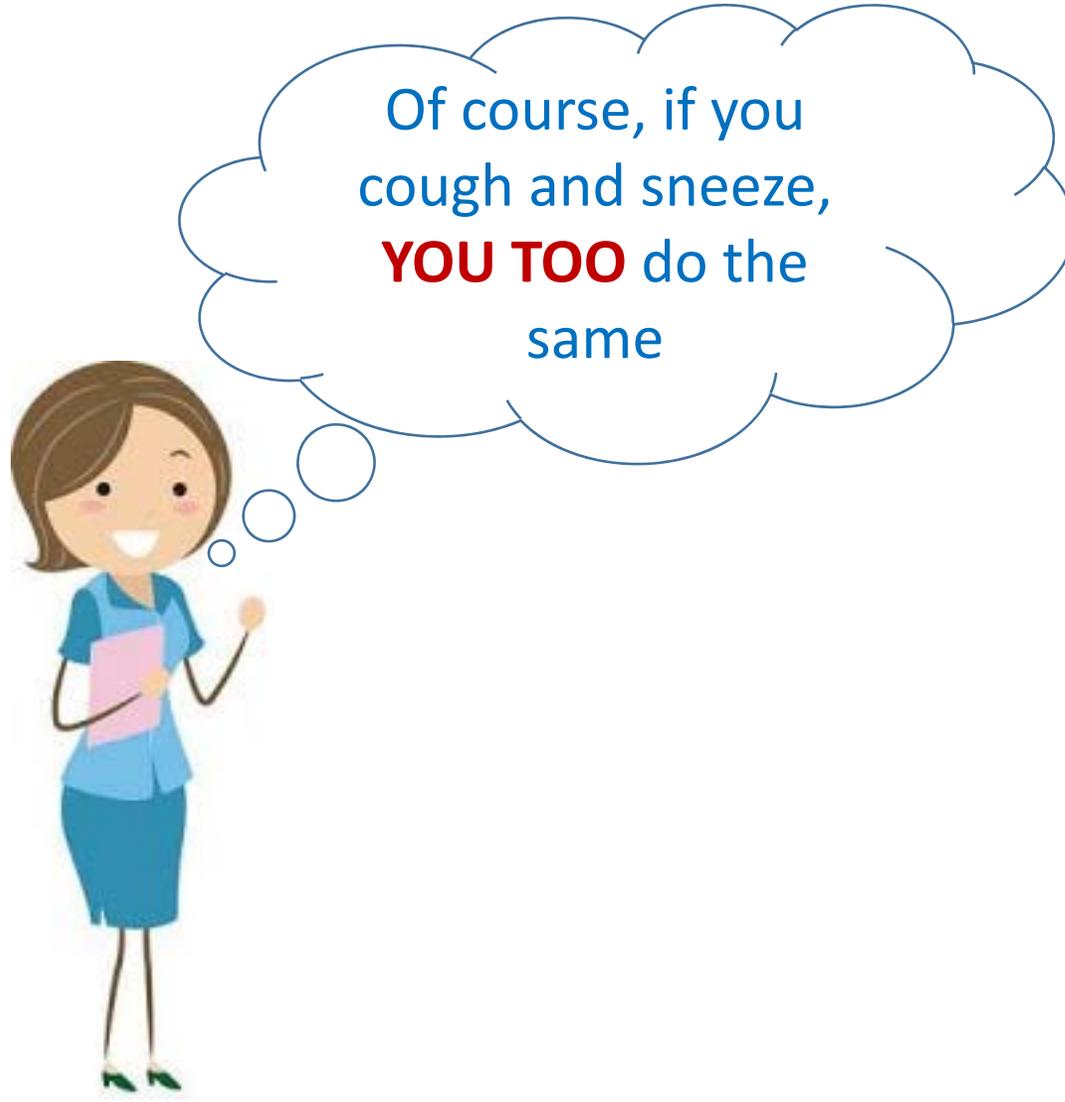
Always WASH your hands with SOAP and WATER

OR



Cover sneeze or cough with your SLEEVE

RIGHT!





Always wash your hands with soap





Wash your hands after...



Playing with pets



Using the bathroom



Sneezing, coughing, or blowing



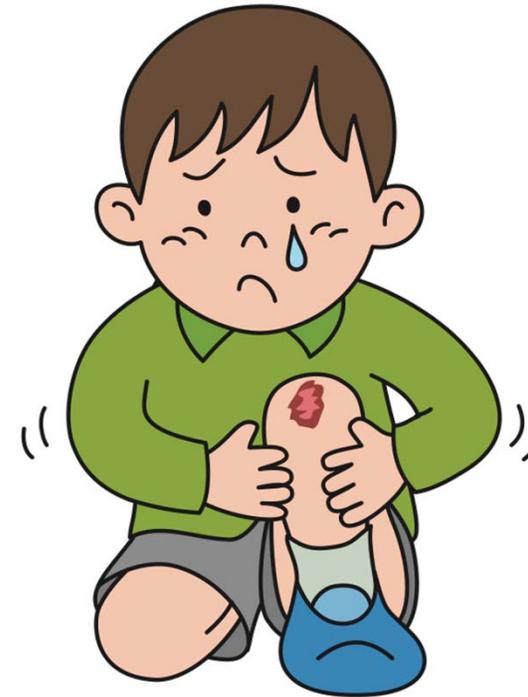
Playing outdoor



Wash your hands before...



Eating



Touching a cut or wound



WASH YOUR HANDS



WATER AND SOAP



PALM TO PALM



BETWEEN FINGERS



FOCUS ON THUMBS



BACK OF HANDS



FOCUS ON WRISTS



What happens if
I am sick





DO NOT
WORRY

Our body is **STRONG**

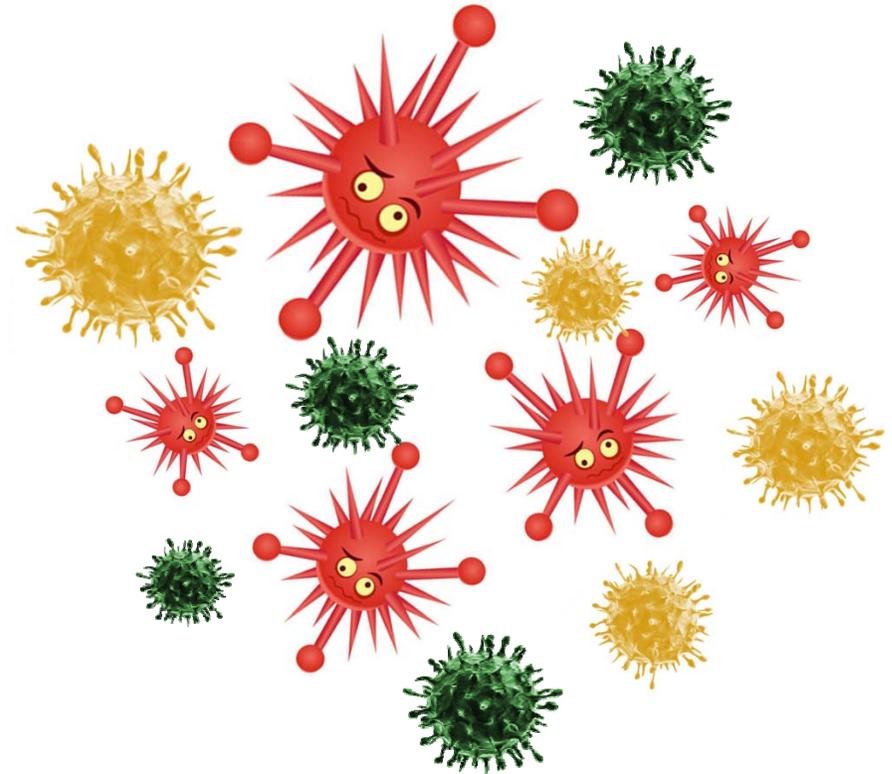




Our body has an army to fight bacteria and viruses



It is called the
IMMUNE SYSTEM





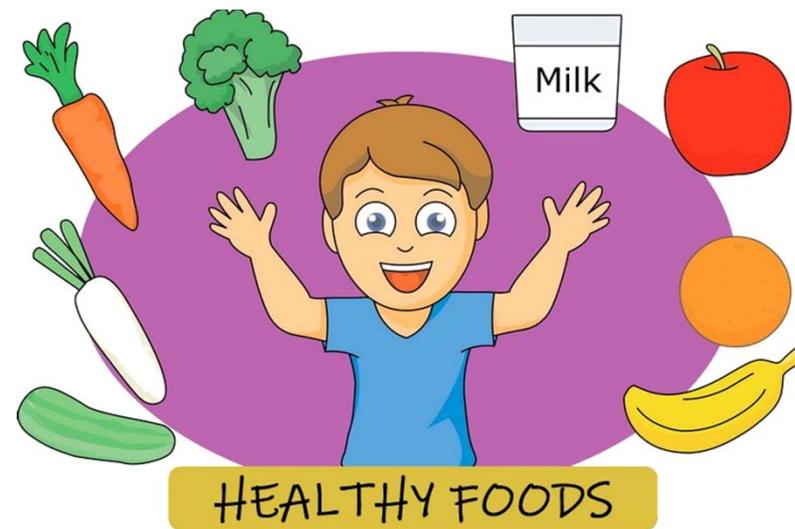
**Listen to
your parents**



Eat well



Stay warm



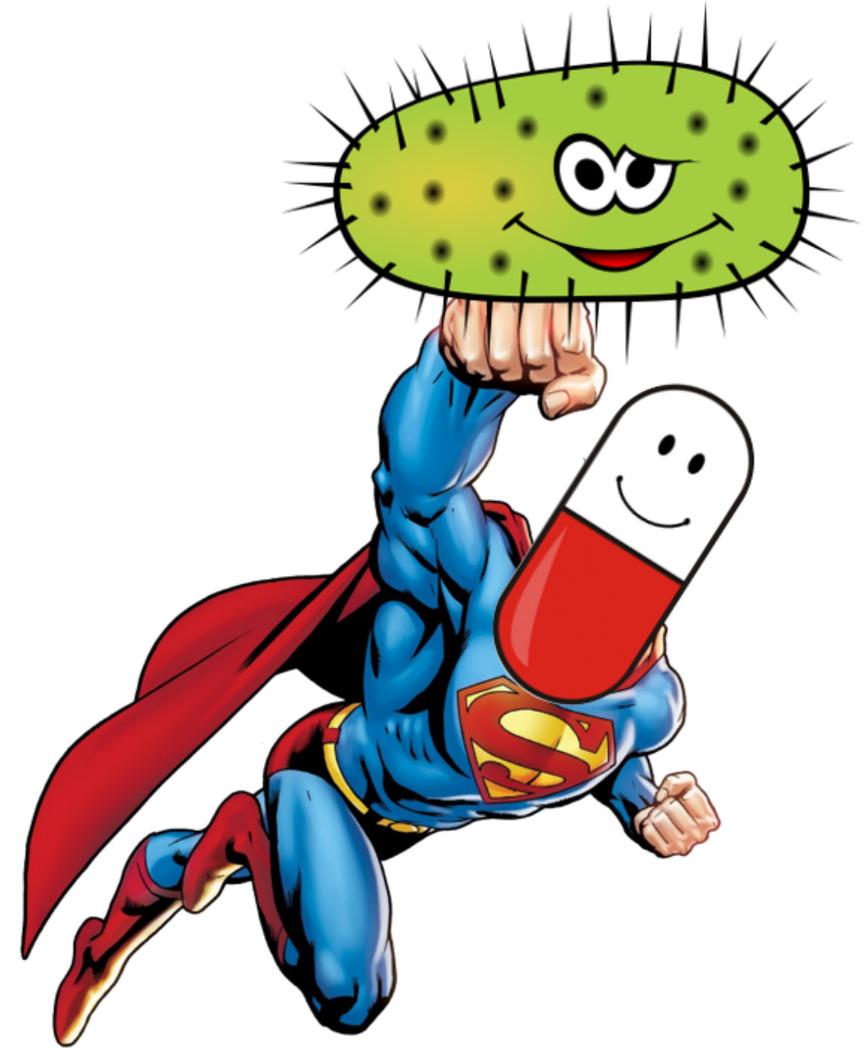


Sometimes our body needs
a little help.
The doctor prescribes an
antibiotic to help you fight
bad bacteria





Antibiotics



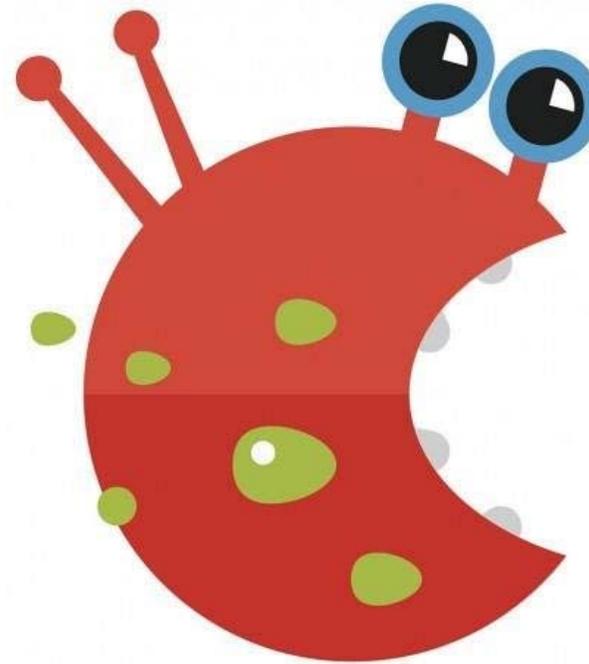


If antibiotics are super heroes, this means they destroy all the bugs in the world and I will never get sick?





Antibiotics **CANNOT** destroy **VIRUSES**





If I am sick, shall I take **antibiotics**?





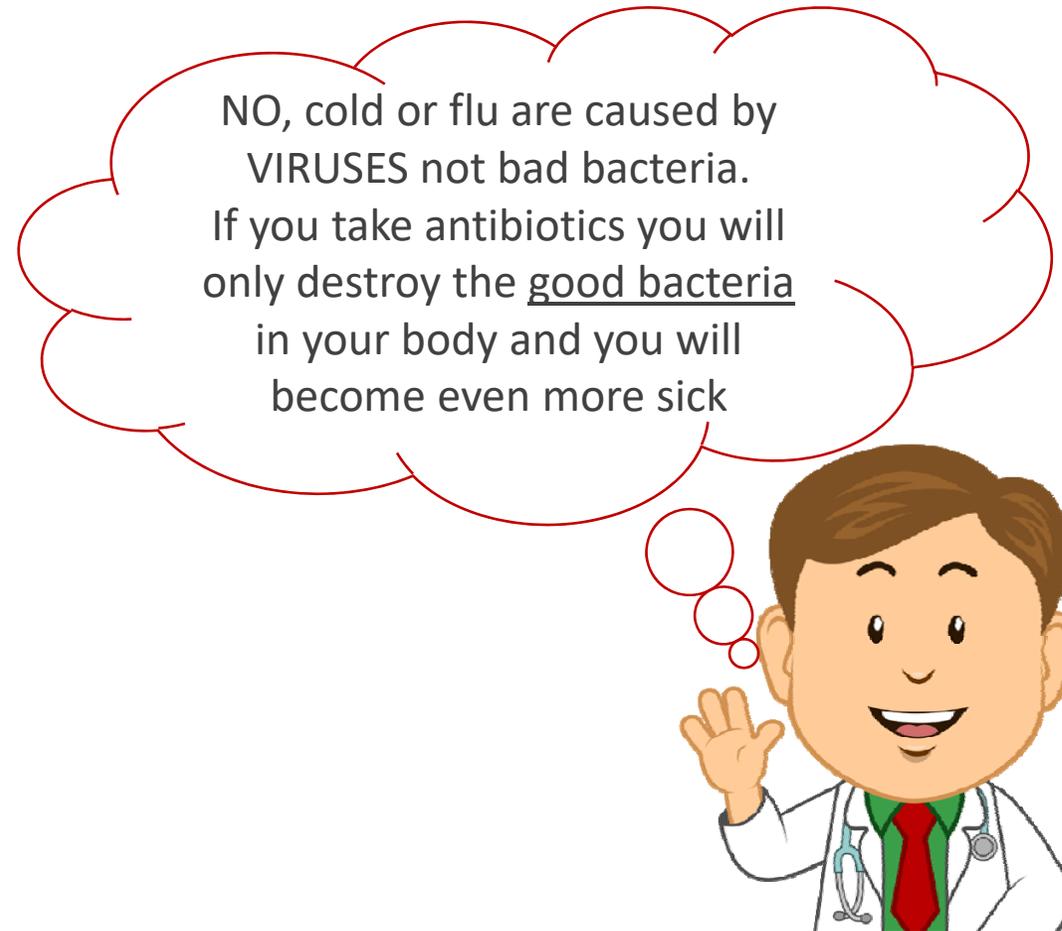
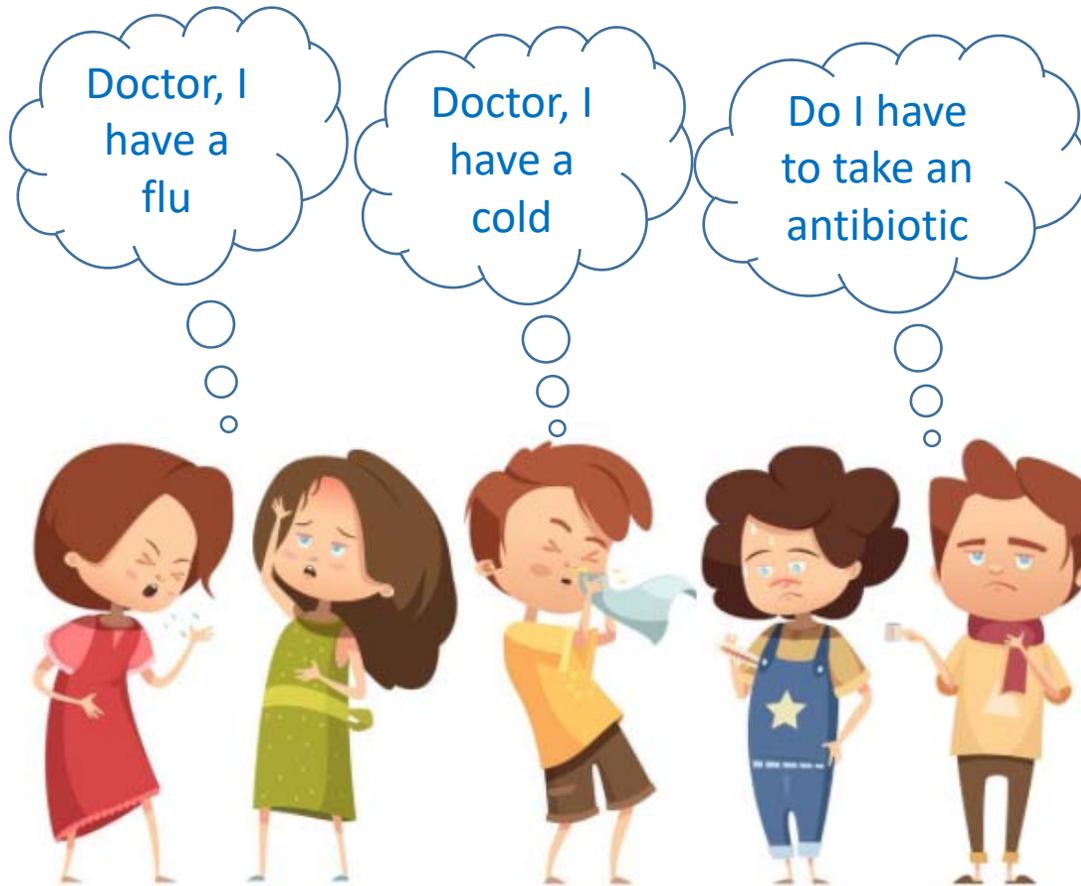
If I am sick, shall I take **antibiotics**?



- Always listen to your doctor
- The doctor knows when you should take Antibiotics
- He will give you an antibiotic when you have bad bacteria



If I am sick, shall I take **antibiotics**?





What happens if I do not listen to my doctor?

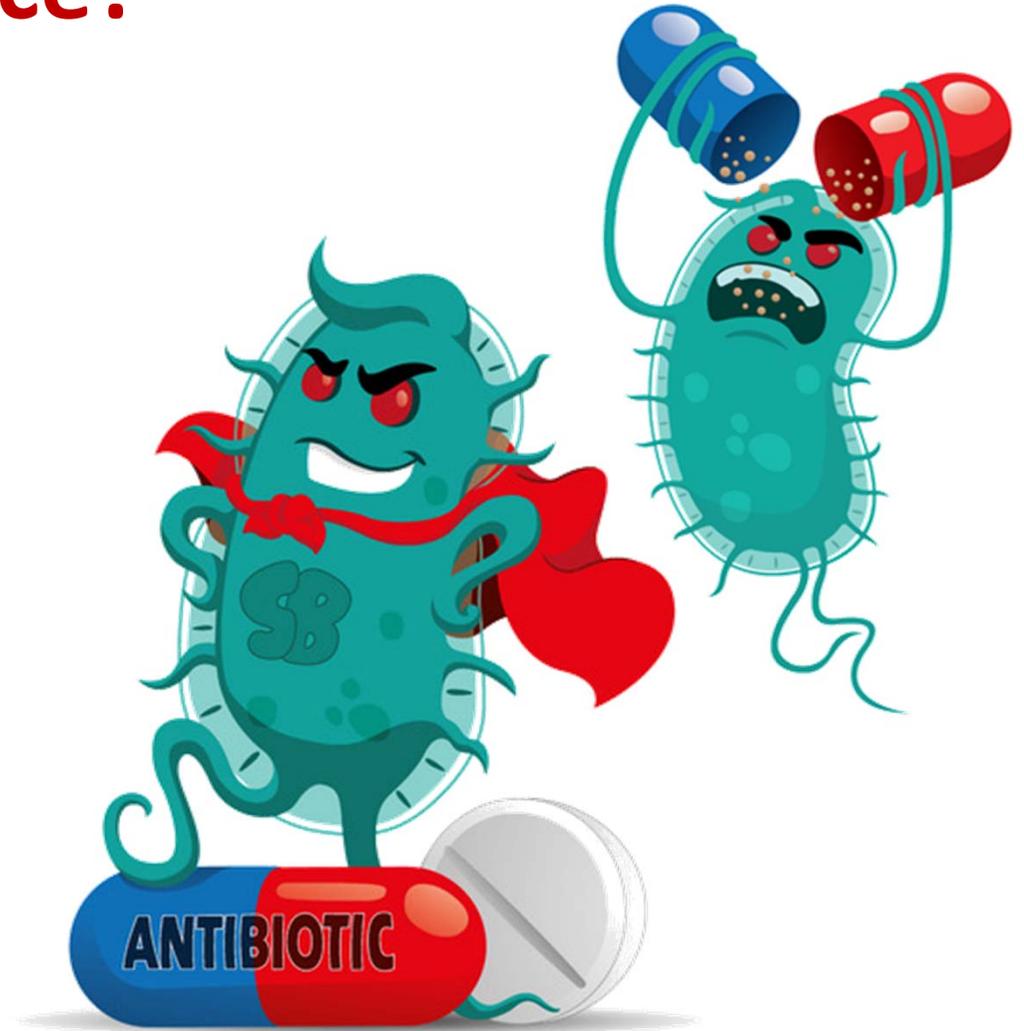
- Taking antibiotics without doctor order is **BAD!**
- You will cause **ANTIBIOTIC RESISTANCE**





What is antibiotic resistance?

- **Antibiotic resistance** means you are helping bad bacteria become **super bugs** (stronger)
- Antibiotics **cannot kill** it anymore
- **Bad bacteria win** and you become more sick





When shall I take **antibiotics**?



- Sometimes, you may become sick because of bad bacteria
- The doctor knows when you should take Antibiotics
- He will give you an antibiotic when you have bad bacteria



Sometimes, you may become sick because of **bad bacteria**



You are sick because
you have bad bacteria,
but don't worry.
I will give you an
antibiotic



Sometimes, you may become sick because of **bad bacteria**

Take this antibiotic for 7 days.

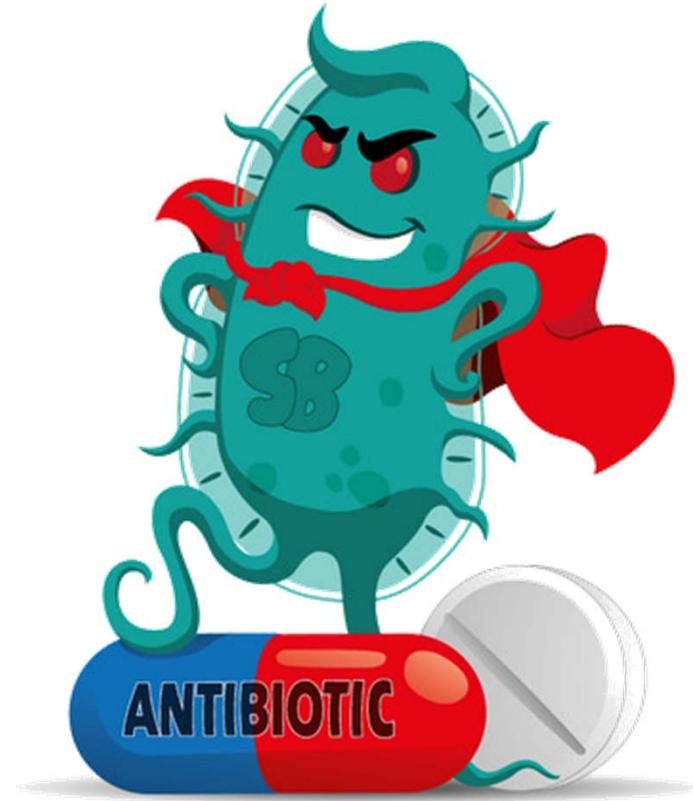
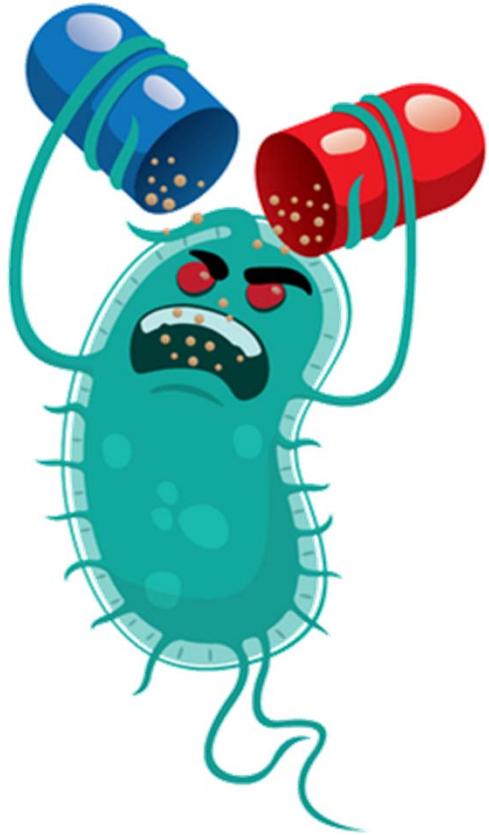
Do not stop the antibiotic before 7 days even if you feel better or you will get sick again



Oh, this means the **antibiotic needs 7 days to destroy bad bacteria**



What happens if I stop the antibiotic early?



Bad bacteria win again



What happens if I listen to my doctor?



You and the antibiotic will win the fight against **bad bacteria and viruses**



PLAY LEARN GROW



The End



References

- <https://www.amr.gov.au>
- <https://www.canada.ca/en/public-health/services/antibiotic-antimicrobial-resistance.html>
- <https://www.cdc.gov/drugresistance/index.html>
- <https://www.england.nhs.uk/patient-safety/fighting-antimicrobial-resistance>
- <https://www.pasteur.fr/fr/centre-medical/fiches-maladies/resistance-aux-antibiotiques>
- <https://www.who.int/health-topics/antimicrobial-resistance>



Clipart and illustration resources

- <http://cdc.gov>
- <http://clipart-library.com>
- <http://clipartmag.com>
- <http://www.biologybynapier.com>
- <http://www.mutualistes.com>
- <https://archive.org>
- <https://bioclearearth.com>
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