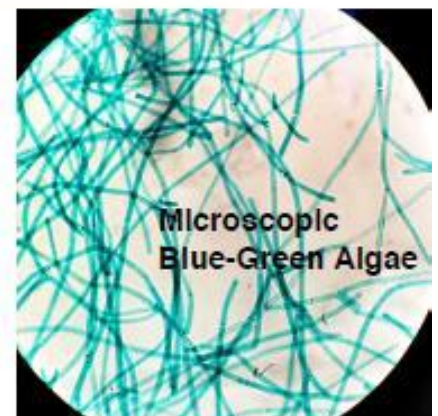
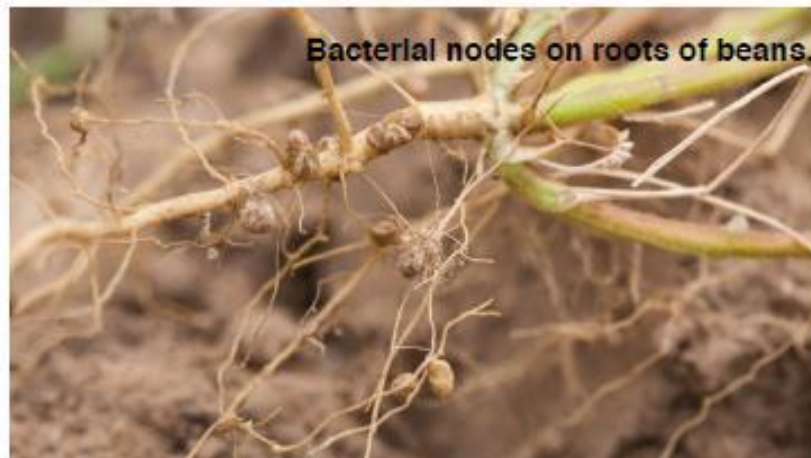
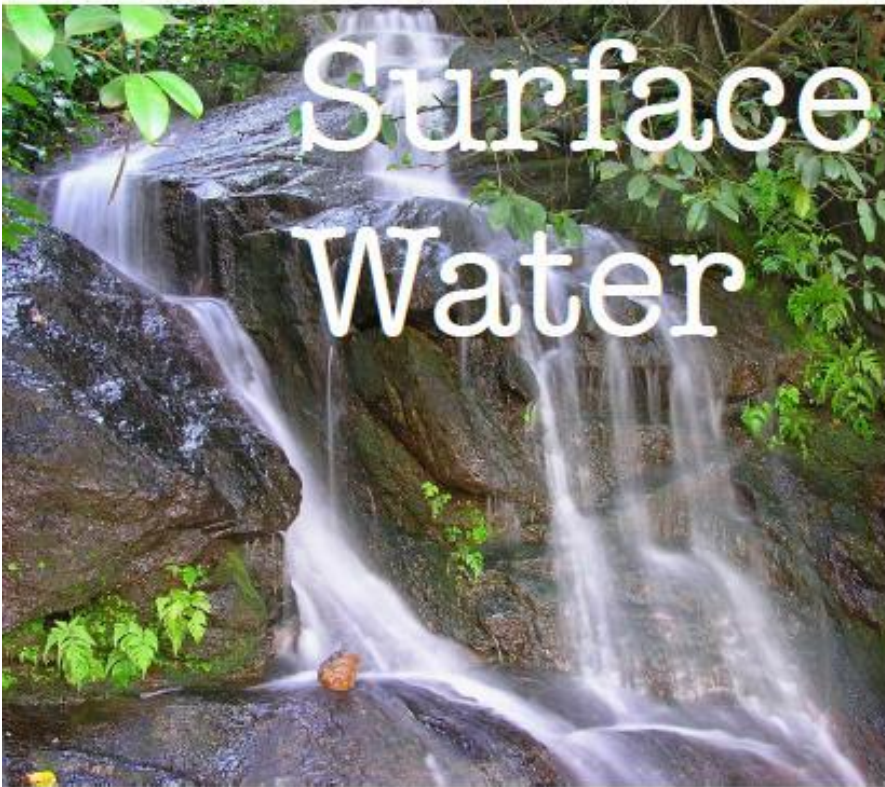


Atmosphere

- 1) An animal breathes you in, but animals can't extract Nitrogen from the air. You are sent right back into the **Atmosphere**. Roll again.
- 2) Lightning strikes! Nitrogen gas is made into a solid and travels to the **soil**.
- 3) Blue-green algae change you into a solid, bringing you to the **soil**.
- 4) Bacteria living in nodes on bean roots extract you from the air and bring you to the **soil**!
- 5) You waft in through the stoma on a plant, but plants can't extract nitrogen from the air, so you are sent back to the **atmosphere**. Roll again.
- 6) A company chemically extracts you from the air and creates you into synthetic **fertilizer**.





- 1) You are just the sort of nitrogen that plants need to live. You are absorbed into the roots of a live plant.
- 2) You travel through streams and rivers into the ocean.
- 3) You percolate deep underground becoming ground water.
- 4) You pass through gills of a fish. Since their gills only absorb oxygen into the blood, you are passed on through back to surface water.
- 5 or 6) Stay in the water. Roll again.

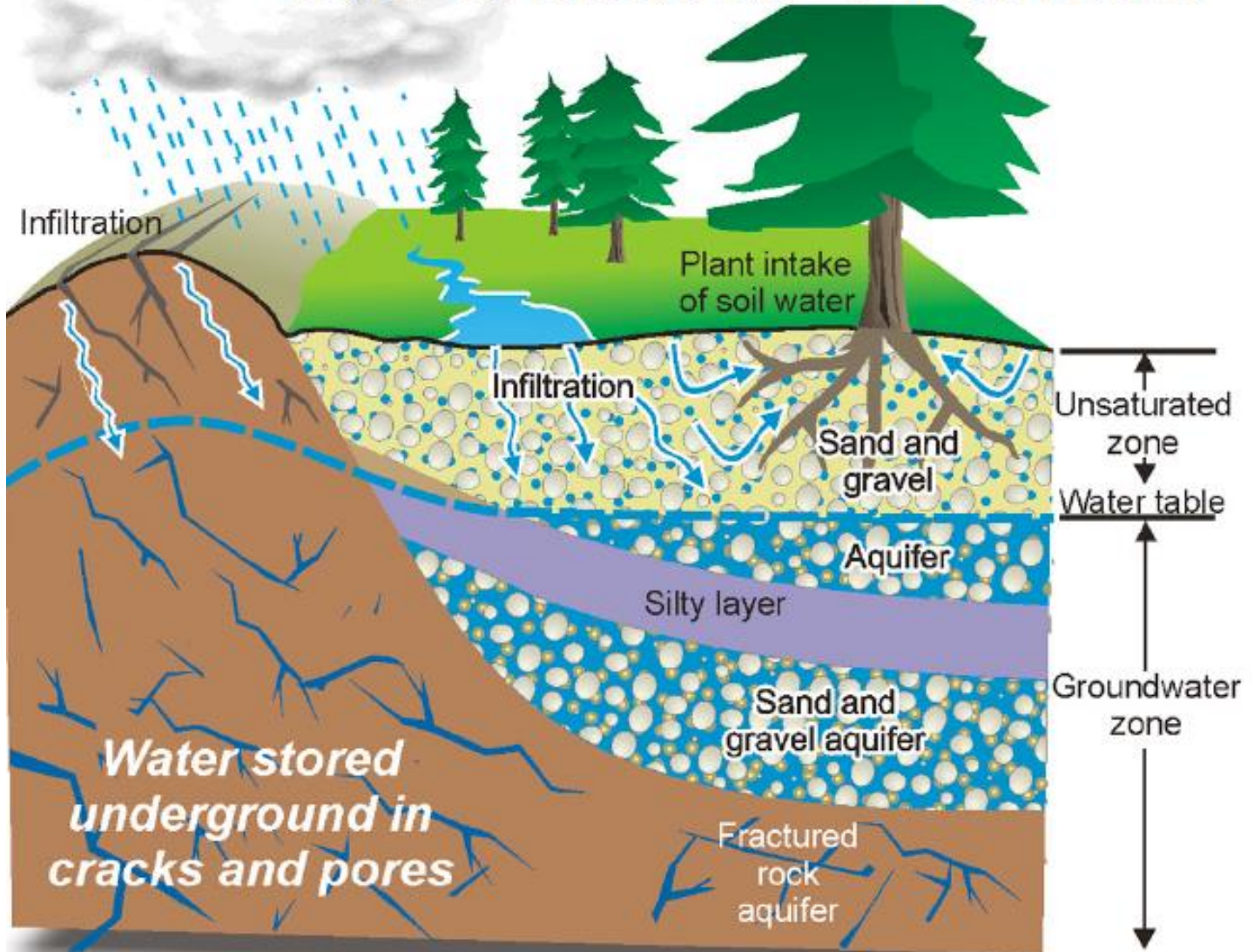


Corn roots



- 1) You fall into a lake or stream and become surface water.
- 2) You fall onto the land and as water evaporates, you are left in the soil.
- 3) You percolate deep underground and join groundwater.
- 4) You rain into the ocean.
- 5 or 6) Your raindrop evaporates before it hits the ground and you are back in the atmosphere.

Ground Water



Odd Number) You travel to the surface in a spring or well and become surface water.
Even Number) The groundwater you are dissolved in travels to the ocean.



- 1-2) You dissolve and wash into the surface water.
- 3-4) You become part of the soil.
- 5-6) You are just the sort of nitrogen a plant needs.
You are drawn into the roots of a Live Plant.





- 1) You dissolve and wash into the ground water.
- 2) You dissolve and wash into the surface water.
- 3) You are just the sort of nitrogen plants need to live. You are taken up in the roots of a live plant.
- 4) Bacteria living in the soil have transformed you into nitrogen gas and you are now part of the atmosphere.



Ocean

- 1) Water is on the move! You have washed into the groundwater.
- 2) Water evaporates but leaves you behind. Stay in the ocean and roll again.
- 3) You are taken in through the roots of an aquatic plant. Move to Live Plant.
- 4) Bacteria living in the water have transformed you into a gas. You are now part of the atmosphere.
- 5) You pass through the gills of a fish. They can't get nitrogen out of the water so you pass right on through. Stay in the ocean and roll again.



Live Animals

Odd Numbers: The animal that your are within has died. Go to dead plants and animals.
Even Numbers: After using you to build a protein, that protein has been broken down by the animal you are in. You are excreted as animal waste.



Animal Waste

1 or 2) With the help of some insects and the elements you are now decomposing into the soil.

3 or 4) A farm supply company has picked you up and composted you into fertilizer.

5 or 6) Before you could get into the soil, you have dissolved and become a part of surface water.

Dead Plants and Animals



- 1 or 2) With the help of insects, animals, and bacteria, you decompose and become part of the soil.
- 3) It's wet where you died. You dissolve and become part of surface water.
- 4) You died in the ocean. You dissolve and become part of the ocean.
- 5 or 6) Forest Fire! As the organic material turned to ash, you were released into the atmosphere.



Live Plants

Odd Numbers: The plant you were in has died...go to dead plants and animals.

Even Numbers: The plant you were in used you to grow before it was eaten. You are now in a live animal.