**Nitrogen Cycle – United Streaming 10:30**

1. Another life giving chemical that living things need is **Nitrogen.**
2. Without **nitrogen** living things cannot make the amino acids, proteins, and other compounds.
3. Most **plants** get the nitrogen they need from the soil and water they grow in.
4. **Animals** get their nitrogen from eating plants or animals that eat plants.
5. **Three fourths** (78% of the air/atmosphere is nitrogen.
6. Most plants cannot use the pure nitrogen in the air, this nitrogen has to be **fixed.**
7. **Lightning** and legume plants (like soybeans, pinto beans, and butterbeans) help to pump nitrogen in the soil – They fix the nitrogen.
8. Legumes live in a **mutually** symbiotic relationship that helps to fix nitrogen in the soil.
9. Once the nitrogen is **fixed**, then it is useable by plants.
10. **Decay** also frees nitrogen for use.
11. Farmers use **nitrogen** fertilizers to help their crops to grow.
12. Often nitrogen fertilizers and manure **pollute** the fresh water supply.
13. Exhaust from vehicles and power plants release nitrogen in the atmosphere that can become **acid** rain.