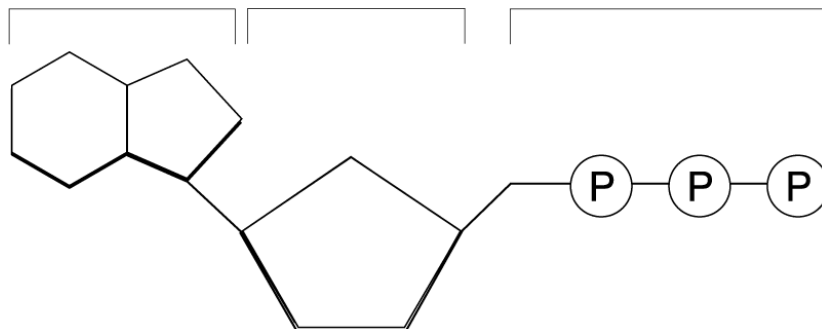


- 1. An organism that cannot make its own food (it must get its energy from the foods they eat) is called a \_\_\_\_\_.**
- 2. What is an organism called that can make its own food?**
- 3. Who concluded that plants get most of their mass from water?**

Nov 5-6:54 AM



- 4. Name the 3 parts of an ATP molecule.**
- 5. How is energy released from an ATP molecule?**
- 6. What does an ADP molecule look like?**

Nov 5-9:36 AM

**7. Which of the following pairs of scientists showed that plants need light to grow?**

- Priestly & Calvin**
- Priestly & Ingenhousz**
- Priestly & van Helmont**
- van Helmont & Calvin**

**8. What gas do plants give off?**

**9. Photosynthesis turns water & carbon dioxide into what?**

**10. Why do most plants appear green?**

Nov 5-7:03 AM

**11. What color of the spectrum is NOT absorbed well by chlorophyll?**

**12. Write the equation for photosynthesis:**

**A) In words**

**B) Using the chemical equation**

Nov 5-7:06 AM

**13. You did an experiment in which you grew some plants using just red light, some just in green light. Which would grow better and why?**

Nov 5-7:07 AM