**PHOTOSYNTHESIS**

1. What is photosynthesis?
2. In which organelle does photosynthesis occur?
3. What is the green pigment that absorbs light in the chloroplast?
4. Write the equation for photosynthesis below. Draw a BOX around the REACTANTS, CIRCLE the PRODUCTS.
5. What do plants use the glucose for one it is made?
6. What do you call an organism that makes its own food?

**RESPIRATION**

1. What is the equation for respiration?
2. ATP is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!
3. Energy is stored in the chemical potential\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of ATP.
4. The process of cellular respiration releases:
5. These organisms undergo respiration
	1. Plants
	2. Animals
	3. Both plants and animals

**FILL IN THE PICTURE ON THE BACK OF THIS PAPER!**

1. ![[Credit: Illustration by Lisa Reed]]()