Photosynthesis Foldable - Homework

1. Fold your sheet of paper along the short ends so the edges meet in the middle.
2. Write your name on the back.
3. Cut each flap into three equal parts. → You should have six flaps (see right).
4. On each of the **top 3 flaps**:
    a. Write a "**reactant**" for photosynthesis (radiant energy, water, and carbon dioxide)
    b. Draw a picture or symbol representing each one.
5. **Underneath** each of the top 3 flaps, explain **how a plant obtains this "reactant"** (e.g. Where does it come from?)

Continued on back

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Continued on back

6. On each of the **first 2 bottom flaps**:
    a. Write a **product** of photosynthesis (oxygen, glucose)
    b. Draw a picture or symbol representing each one.
7. **Underneath** each of the first bottom 2 flaps, explain **how plants and/or animals use this product**.
8. On the **right-most bottom flap**, write the word "**Photosynthesis**."
9. Underneath this flap, define **chloroplasts** and **chlorophyll**. Include which is a pigment and which is an organelle.
10. In the center space, write the **chemical equation for photosynthesis**.

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