Photosynthesis Foldable

# Directions:

1. **Cut out both leaves and all arrows.**
2. **Label one arrow “Water (H2O) Enters from roots”, and color this arrow blue.**
3. **Label the second arrow “Energy from Sunlight, Enters through epidermis” and color it yellow.**
4. **Label the third arrow “Carbon Dioxide (CO2), Enters through stomata” and color this arrow red.**
5. **Label the fourth arrow “Glucose (C6H1206), Leaves leaf to feed plant,” You may color this arrow any color that you have not already used.**
6. **Glue the *BOTTOM HALF* of one leaf to the top of the top of the other leaf. Fold the TOP half up. (See first picture below.)**
7. **Color the leaf green.**
8. **On the TOP of the leaf, label the** *epidermis* **and the** *petiole****.***
9. **Inside the folded part of the leaf, draw a layer of circles. Label these “stomata.”**
10. **At the fold of the inside of the leaf, draw a line of circles and label them “chloroplasts.”**
11. **Arrange your arrows to show energy, carbon dioxide and water entering the leaf and glucose traveling from the leaf to where the steam would be.**

**Watch** [**http://www.youtube.com/watch?v=C1\_uez5WX1o**](http://www.youtube.com/watch?v=C1_uez5WX1o)

