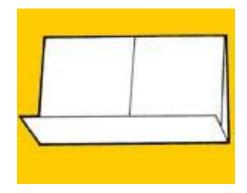
# PHOTOSYNTHESIS & CELLULAR RESPIRATION FOLDABLE

### FOLD DIRECTIONS:

- Fold a sheet of paper in half horizontally (hamburger) so that one side is one inch longer than the other side.
- Cut the shorter side in half, up towards the fold (mountain top) to create two flaps.



### LABEL FRONT OF FLAPS

- 1. Label the LEFT flap, PHOTOSYNTHESIS, and sketch, label, and color the CHLOROPLAST.
- 2. Label the **RIGHT** flap, CELLULAR RESPIRATION, and color, label, and sketch the MITOCHONDRIA.
- 3. Label the **BOTTOM** flap, METABOLISM ENERGY TRANSFORMATIONS.

## LABEL BACK OF FLAPS

- 1. On the **LEFT BACK** flap include the following:
  - a. Equation for photosynthesis?
  - b. What occurs in the light-dependent reactions?
  - c. What occurs in the light-independent reactions?
- 2. On the **RIGHT BACK** flap include the following:
  - a. Equation for cellular respiration?
  - b. What is glycolysis & where in the cell does it occur?
  - c. What's the Kreb's cycle and where does it take place in the cell?

#### CENTER UN-CUT SECTION

1. Sketch and color the photorespiration diagram below. Explain how these two processes are related. (HINT: WHAT IMPORTANT ELEMENT IS BEING RECYCLED?)

