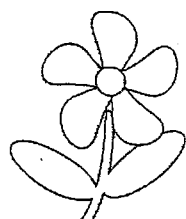


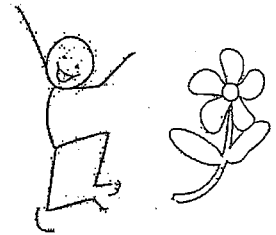
PHOTOSYNTHESIS

Watch the Amoeba Sisters video on photosynthesis (found on the classroom) and answer the following questions:

1. Which types of organisms can complete photosynthesis?
2. Why is photosynthesis important for animals too?
3. What helps plants capture light to complete photosynthesis?
4. Where does the light dependent reaction occur and what are its products?
5. Why is the light dependent reaction essential for the light independent reaction to occur?
6. Where does the light independent reaction occur and what is its product?



CELLULAR RESPIRATION



Watch the Amoeba Sisters video on cellular respiration (found on the classroom) and answer the following questions:

True or False:

1. ATP has 2 phosphates _____
2. All cells (prokaryotes and eukaryotes) must make ATP energy _____
3. The products of photosynthesis become the reactants of cellular respiration _____
4. Cellular respiration makes glucose and photosynthesis uses glucose _____

Determine which step/steps of cellular respiration each statement belongs to (glycolysis, krebs cycle, electron transport chain):

1. Converts glucose to pyruvate _____
2. Requires oxygen _____
3. Makes ATP energy using ATP synthase _____
4. Occurs in the mitochondria _____
5. Converts pyruvate to ATP energy _____
6. Takes place in the cytoplasm _____
7. Produces the most ATP energy _____