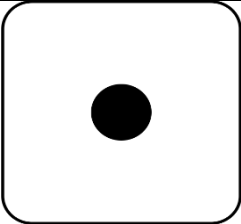
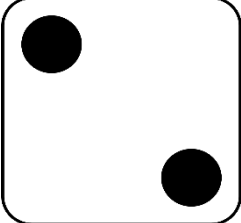
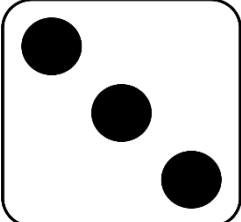
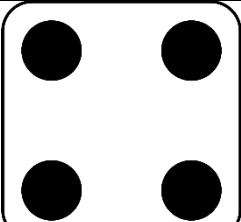
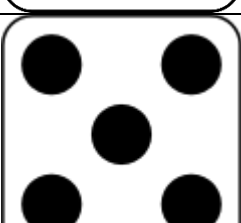
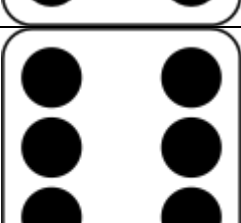


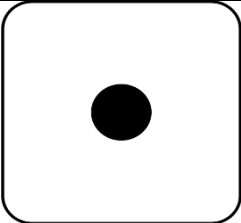
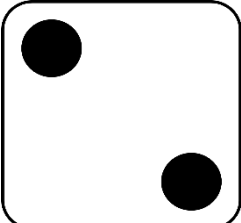
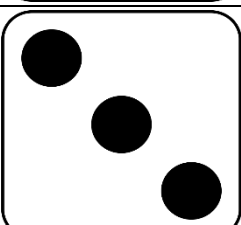
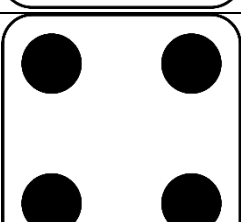
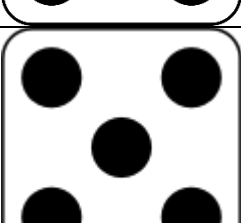
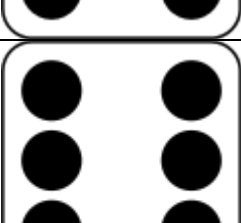
# PHOTOSYNTHESIS AND CELLULAR RESPIRATION DICE GAME

Take turns with your group. Roll the die and answer the question about Photosynthesis. Then, repeat answering the questions about Cellular Respiration. Fill in the information in the diagram as you go. All questions must be answered!

	<b>WHAT ORGANELLE IS NECESSARY FOR THIS REACTION?</b>
	<b>WHAT ARE THE REACTANTS?</b>
	<b>WHAT ARE THE PRODUCTS?</b>
	<b>WHAT TYPE OF ENERGY CONVERSION IS TAKING PLACE?</b>
	<b>WHAT ORGANISMS CARRY OUT THIS REACTION?</b>
	<b>WHAT IS THE FORMULA?</b>

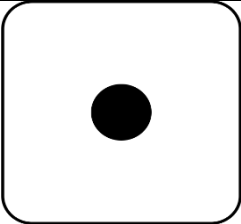
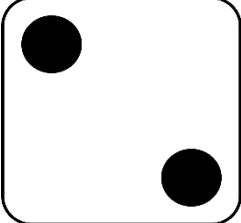
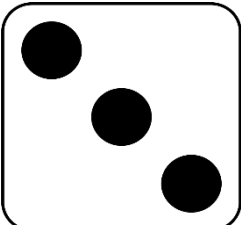
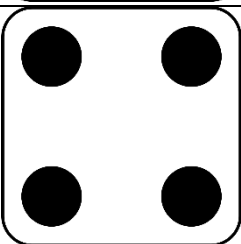


# PHOTOSYNTHESIS AND CELLULAR RESPIRATION DICE GAME

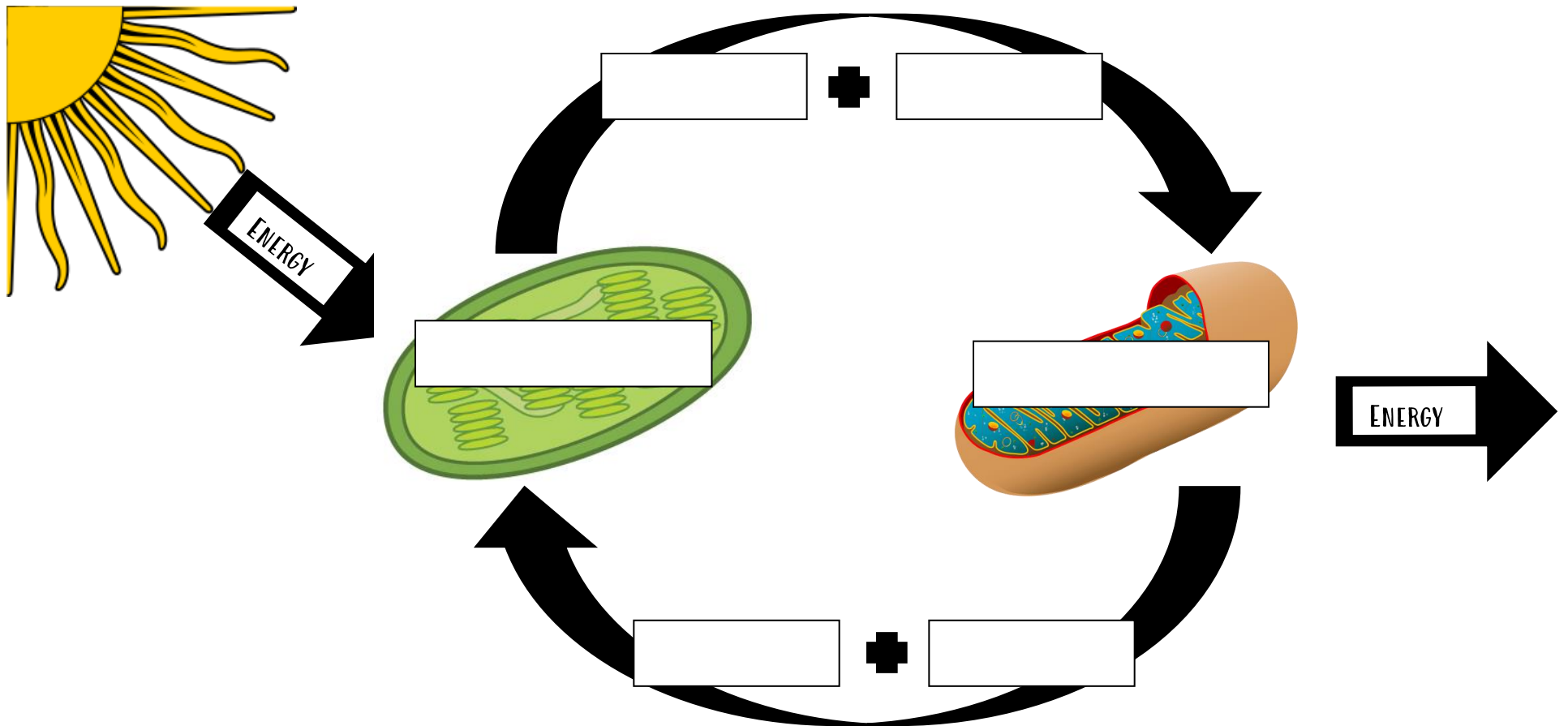
Roll the die and complete the task over Photosynthesis and Cellular Respiration. You will complete two tasks. Complete all work in your notebook.

	<b>ILLUSTRATE THE CHEMICAL EQUATIONS</b>
	<b>WRITE A STORY OR CREATE A COMIC STRIP DESCRIBING THE TRAVELS OF A WATER MOLECULE THROUGH BOTH METABOLIC REACTIONS</b>
	<b>RECORD A NEWS STORY ( COMPLETE WITH VISUALS) EXPLAINING WHAT CATASTROPHE WOULD STRIKE WITHOUT PHOTOSYNTHESIS</b>
	<b>TEST HOW ACTIVITY AFFECTS YOUR BREATHING RATE AND EXPLAIN ( IN YOUR CELLS) WHY THIS HAPPENS</b>
	<b>CHOOSE YOUR FAVORITE ORGANISM AND CREATE A DIAGRAM TO EXPLAIN HOW THESE METABOLIC REACTIONS BENEFIT YOUR ORGANISM</b>
	<b>DESIGN AN INFOGRAPHIC TO SHOW THE GENERAL PUBLIC WHY TREES AND FORESTS ARE IMPORTANT</b>

# PHOTOSYNTHESIS AND CELLULAR RESPIRATION DICE GAME

You will roll the die twice. Complete the 2 tasks you roll for. Do not repeat the same task twice. Write all of your information in your notebook. You must 3-5 complete sentences to fully explain the answer to your question.

	<p>EXPLAIN WHAT WILL HAPPEN IF A CELL DOES NOT HAVE ENOUGH OXYGEN FOR CELLULAR RESPIRATION.</p>
	<p>EXPLAIN WHAT WILL HAPPEN IF A CELL DOES NOT HAVE ENOUGH LIGHT FOR PHOTOSYNTHESIS.</p>
	<p>CELLS CANNOT STORE GLUCOSE FOR LATER USE. EXPLAIN WHERE CELLS CAN GET GLUCOSE WHEN BLOOD SUGAR IS LOW.</p>
	<p>DESCRIBE THE PATH THE REACTANTS MUST TRAVEL TO GET TO THE CORRECT ORGANELLE. DO THIS FOR BOTH REACTIONS, SEPARATELY.</p>
	<p>TREES ARE OFTEN REFERRED TO AS "THE LUNGS OF THE PLANET." EXPLAIN WHAT IS MEANT BY THIS AND WHETHER YOU AGREE OR DISAGREE.</p>
	<p>EXPLAIN THE JOB OF GUARD CELLS AND WHAT CONDITIONS WOULD MAKE THEM OPEN AND CLOSE.</p>



CHEMICAL EQUATION FOR PHOTOSYNTHESIS



CHEMICAL EQUATION FOR CELLULAR RESPIRATION

