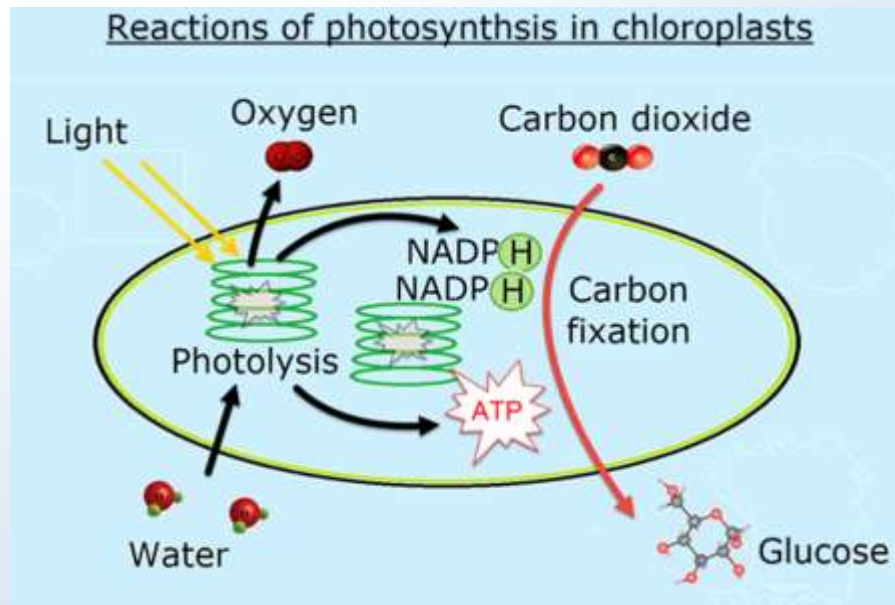


Activity 1 – Reactions of photosynthesis

This diagram shows a simplified summary of the reactions of photosynthesis.



Questions

1. Sunlight is used to split water in 'Photolysis'.  
What are the two chemicals made from the water?  
.....
2. During the light dependent reactions another molecule which stores energy is made,  
what is it called?  
.....
3. What happens to the oxygen which was once part of the water molecules?  
.....
4. Carbon fixation incorporates the carbon dioxide into reactions of the stroma.  
What is the final product of this carbon fixation?  
.....
5. Which molecules from photolysis carry the energy needed to produce carbohydrates from  
carbon dioxide in the light independent reactions of the stroma?  
.....

