

Photosynthesis and Respiration Lab

https://www.youtube.com/watch?v=aavSQ38awJM&list=PLNOrgj7qRriJq3YY2TwC9Z_NG9I-kTA0a&index=20

Define Photosynthesis:

Define Cellular Respiration:

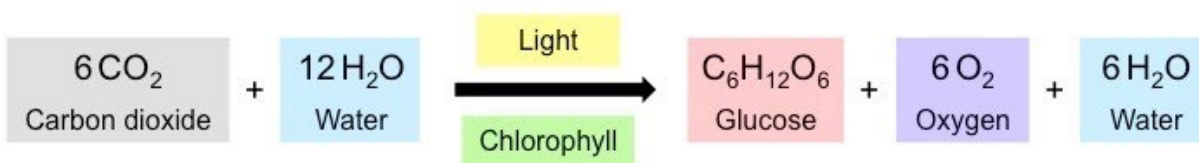
Please watch the video and write down any and all materials that you see/hear Mr. Kennedy use for this lab:

DATA AND OBSERVATIONS:

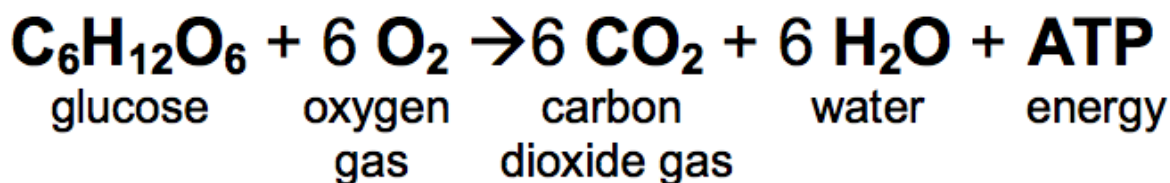
This table is for your data and observations for each of the tests that Mr. Kennedy is running. Please record your observations for each of the 4 trials here:

TEST TUBE	COLOR AT START	COLOR AFTER 30 MIN.
1		
2		
3		
4		

COMPARING PHOTOSYNTHESIS AND RESPIRATION:



Describe the ABOVE EQUATION for PHOTOSYNTHESIS IN COMPLETE SENTENCES.



Describe the ABOVE EQUATION for RESPIRATION IN COMPLETE SENTENCES.

Complete the table below by answering the questions at the LEFT.

	PHOTOSYNTHESIS	RESPIRATION
What materials are used?		
What substances are formed?		
In what part of the plant does the process occur?		
What conditions are necessary to occur?		
What energy changes occur?		