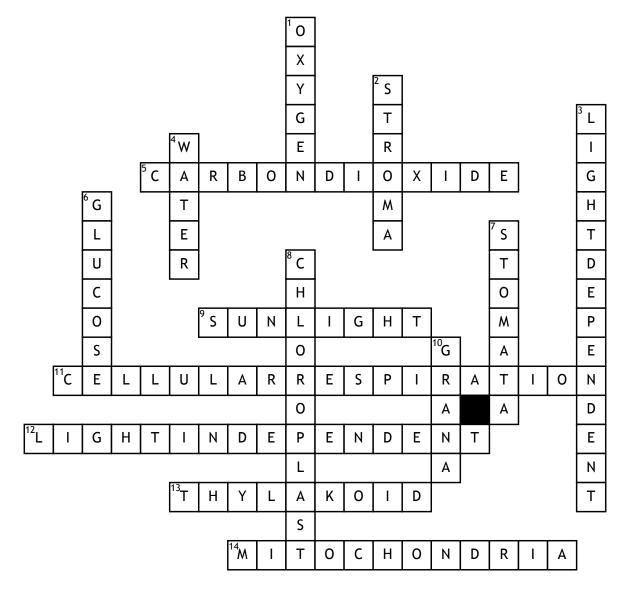
Name:	Date:	Period:	

Carbon and Oxygen Cycle



Across

- **5.** This is given out to air when food is used by animals during respiration to produce energy to live and grow
- 9. Photosynthesis needs this.
- **11.** What takes place in the mitochondria during Gycolysis?
- **12.** This converts carbon dioxide and other compounds into glucose. These reactions occur in the stroma, in the chloroplast, and on the outside of the thylakoid membranes.
- **13.** This is a membrane in chloroplasts and the site of the light depended reactions of photosynthesis.
- **14.** Cellular Respiration takes place in this.

Down

- 1. This is used during respiration and given out during Photosynthesis. This also enters the Electron Transport Chain to make ATP.
- **2.** This is where the Carbon cycle and Calvin cycle of photosynthesis take place.
- **3.** Sunlight and water enters this to produce ATP, NADH, and Oxygen.

- **4.** This goes with sunlight and enters the light dependent reactions.
- **6.** What is broken down into Pyruvic Acid and used during the Kreb's Cycle?
- 7. During photosynthesis, carbon dioxide is taken in from the atmosphere through this and oxygen is released as a waste product.
- **8.** Photosynthesis takes place in this.
- **10.** These are stacks of thylakoids in the stroma of a chlorplast that contain important light-absorbing pigments, such as chlorophyll.