## **Photosynthesis**

- <u>WHO</u>: organisms with chlorophyll (like plants, algae, etc.)
- <u>WHAT</u>: harness light energy and make food
- <u>WHEN</u>: daylight
- <u>WHERE</u>: in chloroplasts (leaves, stems, etc.)
- <u>WHY</u>: to gather energy from the sun to live, grow, reproduce, etc. (makes FOOD)

<u>HOW</u>:

```
6 \text{ CO}_2 + 6 \text{ H}_2\text{O} + \text{sun's energy --->} C_6\text{H}_{12}\text{O}_6 + 6 \text{ O}_2
(glucose)
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