

STAGE 1

PHOTOSYNTHESIS REACTIONS:

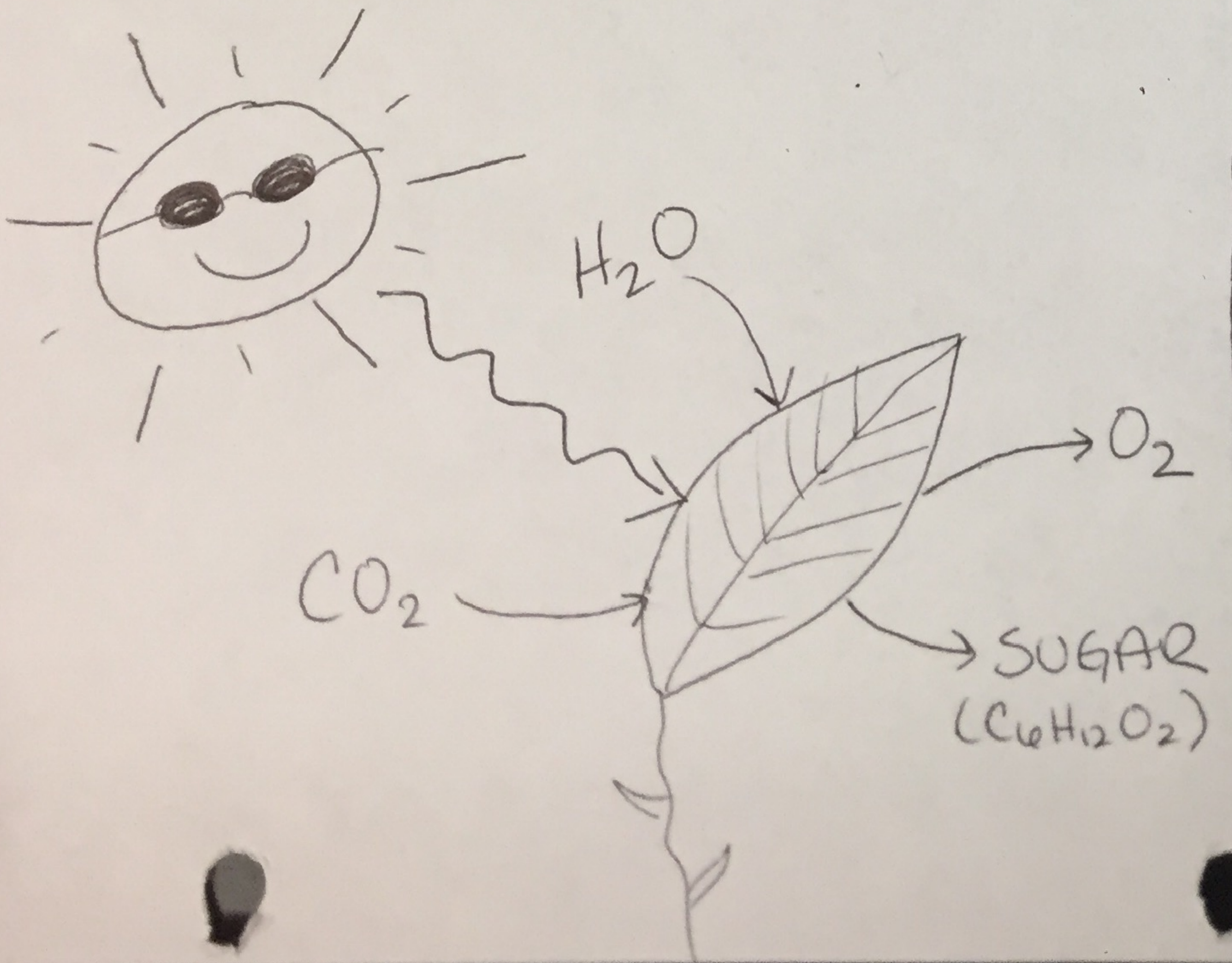
STAGE 2

Light-dependent reactions

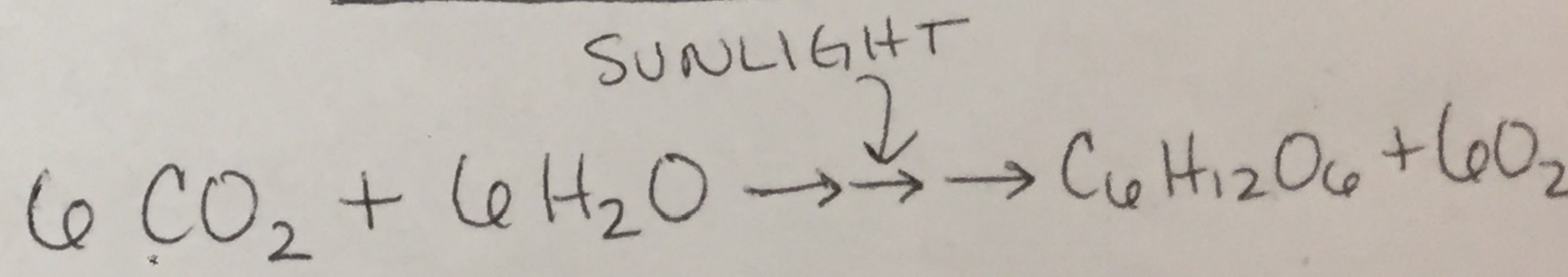
Light-independent reactions

- chlorophyll absorbs energy from SUNLIGHT! ☀️
- chlorophyll is found inside the chloroplast organelle.
- This process is in the THYLAKOID

- aka: the CALVIN CYCLE
- uses CO₂ (carbon dioxide) to form SUGARS
- (glucose = C₆H₁₂O₆)



Photosynthesis:



or

SUNLIGHT
↓

6 Carbon Dioxide + 6 Waters \rightarrow Glucose + Oxygen