

Photosynthesis Spin

Name _____



You Need:

A Photosynthesis Board for each player

Tokens:

Blue = Water

Yellow = Light

Red = Carbon Dioxide

Green = Open Stomata

Spinner: Science Home →

References → Spinner

Change “Spinner” to
above labels and colors,
or make your own.

Any number of players or teams

The Play:

You may play as an
Individual or with a team.

Any number of players
may play, even one.

Teams must choose:

- 1) Have each team spin once per turn and
all team members use the same spin, but
use individual *Photosynthesis Spin* boards.
- 2) Each team member takes a turn and spins.
All member points go to the team score.

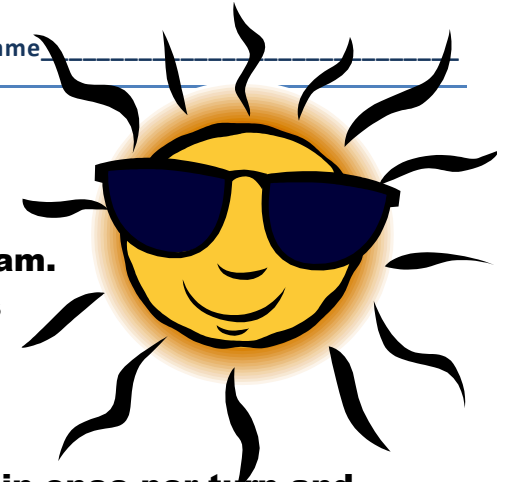
If the spin result is *Carbon Dioxide* or *Water*, the
player (or each team member) “builds” a
molecule of the spin result on the board.

One Light and one Open Stomata is needed.

When the top of the board is complete, a player
rearranges the atoms to complete a molecule of
Glucose (Sugar) (C₆H₁₂O₆) and 6 molecules of
Oxygen (O₂) at the bottom of the board. **GLUE.**

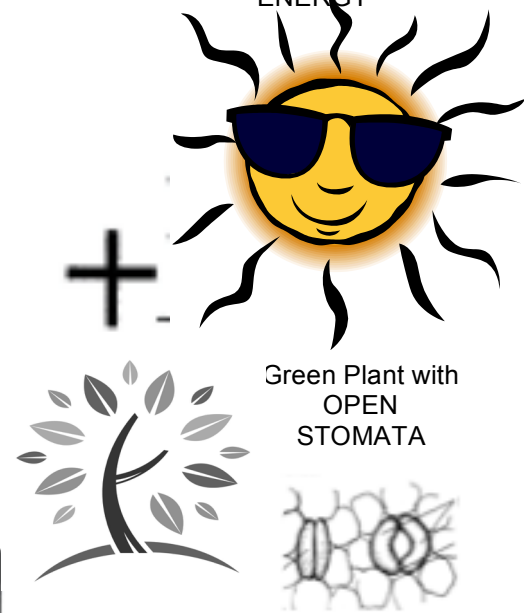
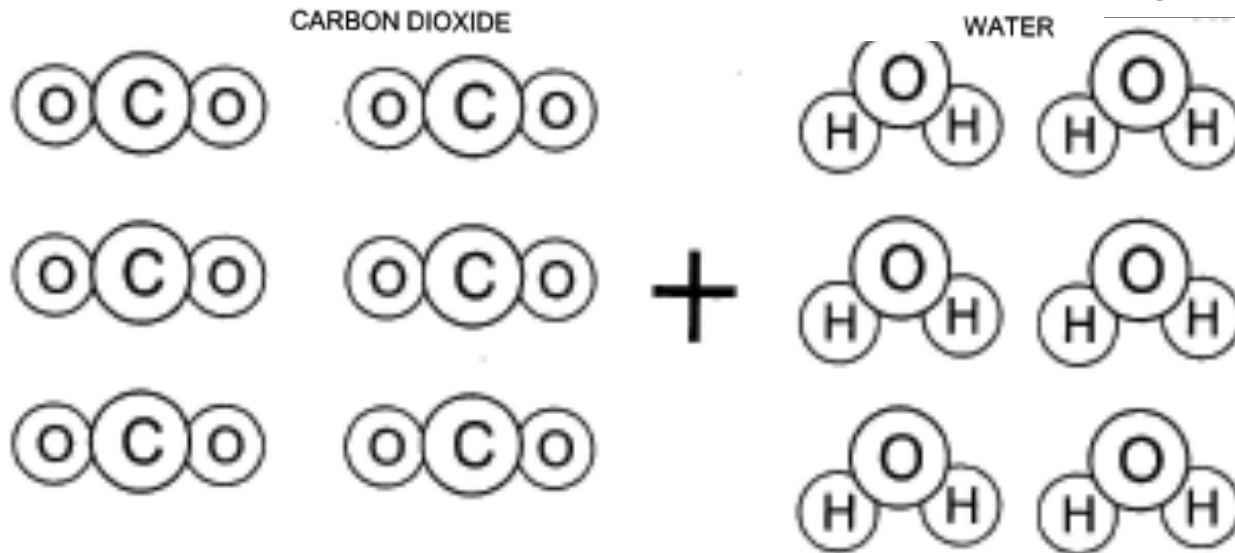
Glucose Molecule + 6O₂ = 5-10 points.

Design a Respiration Game.

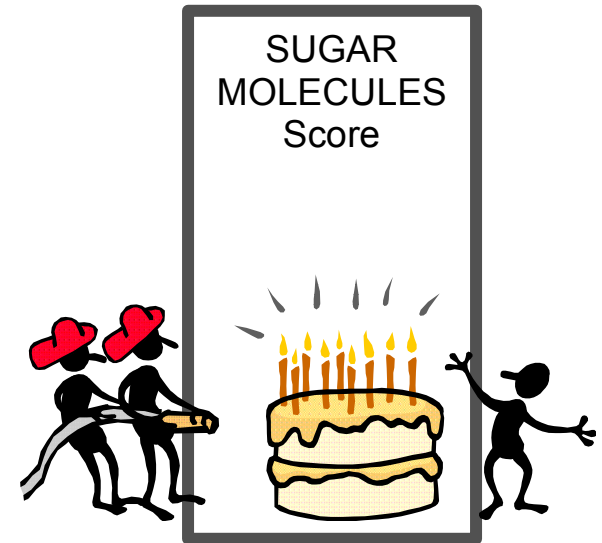
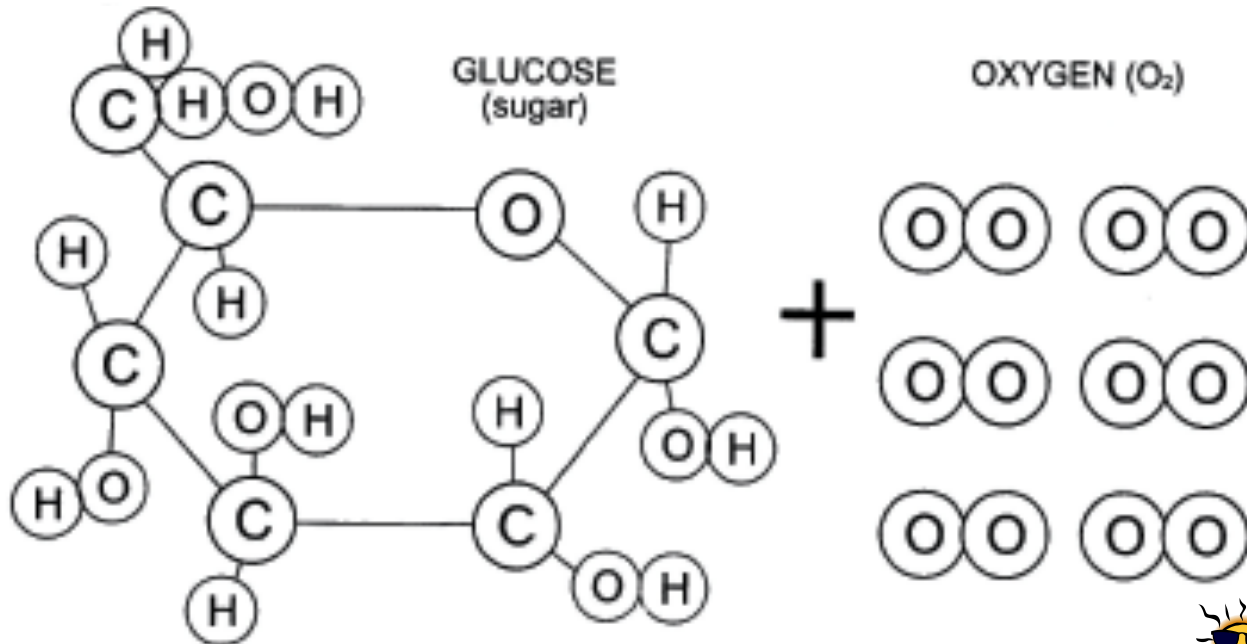


Photosynthesis Spin

Name _____



↓ PHOTOSYNTHESIS ↓



Design a Photo-Resp or Carbon Cycle Game.