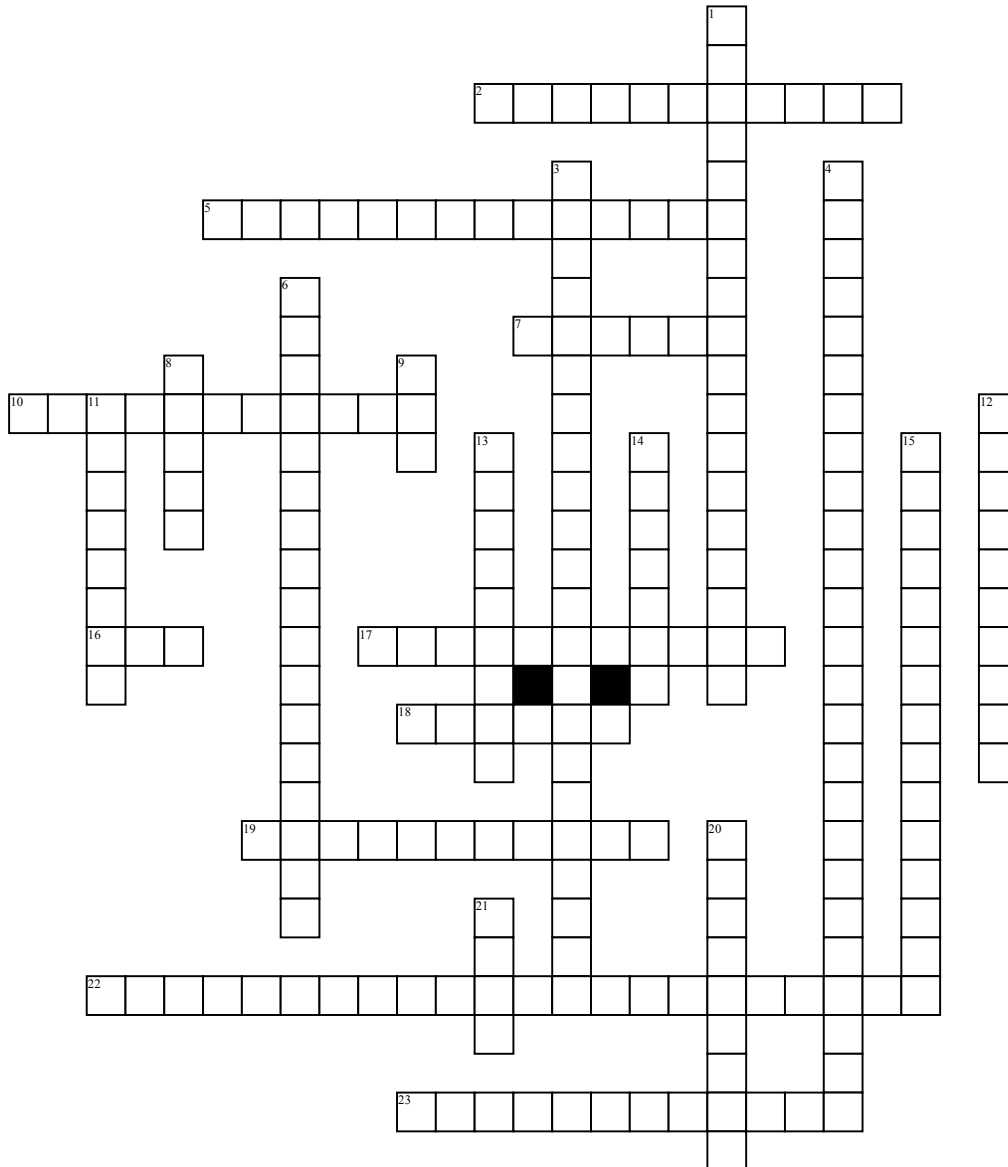


Name: \_\_\_\_\_

# Chloroplast



## Across

2. A light absorbing green colored pigment that begins photosynthesis process.
5. Fluid filled space inside thylakoid.
7. The colorless fluid surrounding the grana within the chloroplast.
10. A plastid that contains chlorophyll and in which photosynthesis takes place.
16. Energy used from ATP turns into.
17. A cluster of photosynthetic pigments embedded in a thylakoid membrane.
18. A packet of light.
19. A cyclic set of reactions occurring in the stroma.

22. First set of reactions in which energy excites electrons.

23. The process of making ATP using energy from H<sup>+</sup> ion.

## Down

1. An enzyme that creates ATP.
3. A series of progressively stronger electron acceptors.
4. Second set of reactions in photosynthesis.
6. Photosynthetic membrane within a chloroplast.
8. The stacks of thylakoids embedded in the stroma of a chloroplast.
9. Principal energy supply.

11. A thin layer, membrane, or plate of tissue.

12. A chemical reaction in which a compound is broken down by light.

13. Reaction in which an atom or compound gains an electron.

14. Transport molecule (blood sugar).

15. The process of incorporating CO<sub>2</sub> into carbohydrate molecules.

20. Reaction in which an atom or compound loses an electron.

21. Electron carrier in energy transfers.