**Photosynthesis Round Robin**

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| 1 | Name the reactant that would be slurped up by the roots of a plant? | water |
| 2 | Name the primary pigment involved in photosynthesis | chlorophyll |
| 3 | Energy for the cell is called | ATP |
| 4 | Where does the Calvin Cycle take place? | stroma |
| 5 | Name one person in the room who has a red shirt on? |  |
| 6 | What state was I born in? | Ohio  |
| 7 | Name the ultimate energy maker | sun |
| 8 | Name the type of carbohydrate that is produced at the end of photosynthesis | glucose |
| 9 | An example of this type of plant is corn, it goes thru the light independent reactions different than normal | C4 plant |
| 10 | Name the organism that can produce/make its own food | autotroph |
| 11 | A light absorbing molecule is called a  | pigment |
| 12 | The process where light energy is converted to chemical energy  | photosynthesis |
| 13 | Name an organism that must obtain food by consuming other living things  | heterotroph |
| 14 | What gas does a plant breathe in? | CO2 |
| 15 | Name the secondary pigment used in Photosynthesis | carotene |
| 16 | What is the room number? | 269 |
| 17 | What is my youngest daughter’s name? | Sadie |
| 18 | When light hits the thylakoid – what does it give its energy to first? | chlorophyll |
| 19 | Where does the Light Dependent reactions take place? | thylakoid |
| 20 | Name one of the 2 energy carriers that are produced in the ETC | ATP or NADPH |
| 21 | Name the reactant that is needed for the last stage of photosynthesis | CO2 |
| 22 | Name the gas that a plant breathes out | O2 |
| 23 | What happens to water during the Light dependent reactions | Broken down |
| 24 | An example of this type of plant is a pineapple | CAM plant |
| 25 | Name the product of the light dependent reactions | O2 |
| 26 | What is the next holiday |  |
| 27 | The sun has a light of wavelengths that are sent to earth- what can we only see | Visible light spectrum |
| 28 | Name 2 limiting factors of photosynthesis | Water, temp, light, CO2 |