**Photosynthesis vs. Respiration**

|  |  |  |
| --- | --- | --- |
|  | **Photosynthesis** | **Respiration** |
| **What is its purpose?** |  |  |
| **What type of cells do this?** |  |  |
| **What organelle in the cell does this?** |  |  |
| **Reactants** |  |  |
| **Products** |  |  |

Which process:

Releases energy for the cell?

Stores energy for the cell?

What type of energy:

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Is made during respiration?

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Complete the Table using the words and phrases in the box below:

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| * CO2 + H2O + ATP | * Glucose + O2 | * All cells |
| * Mitochondria | * Capture & Store energy | * Glucose + O2 |
| * CO2 + H2O + light | | |

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