

Connect Matter and Energy in Cells: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

Two simplified processes

Photosynthesis uses light energy, carbon dioxide and water to produce sugars and oxygen. Cellular respiration uses sugars and oxygen to release usable energy, producing carbon dioxide and water. Plants carry out both processes. These statements summarize complex pathways.

1. Name two matter inputs to photosynthesis.

2. What is the energy input to photosynthesis?
