

Cell Structures and Their Roles: Explore and Explain



Name: _____ Date: _____

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

Parts of cells

The cell membrane regulates movement into and out of a cell. In many cells, the nucleus contains genetic information. Mitochondria help release usable energy from nutrients. Plant cells also have cell walls; photosynthetic plant cells have chloroplasts.

1. Which structure regulates entry and exit?

2. Which structure contains genetic information in the model described?
