

Cell Structures and Their Roles: Apply and Create



Name: _____ Date: _____

Use what you learned to explain, construct or apply an idea.

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. Why does a cell need both a boundary and internal structures?

2. Must every plant cell contain chloroplasts?
