

Name: _____

Date: _____

The Cell as a Cookie Factory

NGSS Standards: MS-LS1-2: Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function.

Objectives: Relate the function of cell organelles to a cookie factory

1. Compare a cell to a cookie factory

Predict the cell organelle for each job and then write a description of the function

Job in the Factory	Cell Organelle	Function of the Organelle
Boss		
Cookie Recipes		
Workers		
Assembly line (Where workers do their work)		
Packaging/Shipping department		
Cookie Warehouse (storage department)		
Security factory door		

Factory Wall, floor and ceiling		
Generators (electricity)		
Clean up crew		

Critical Thinking:

2. What would happened to the cookie if there was a mistake in the cookie recipe? How does this relate to the cell?