

Compare the cell and its organelles to a factory. The functions of the cell parts are similar to the functions of the factory parts. Review your flip book and match the following organelles to a factory position based on function.

- Cell membrane
- Centrioles
- Cytoskeleton
- Endoplasmic reticulum
- Golgi Bodies
- Lysosome
- Mitochondrion
- Nucleus
- Ribosome
- Vacuole



• The Cell as a Factory:

Factory Part	Function	Organelle
Central Office	Manages activities, initiates production, controls activities of factory	
Assembly Line	Assembles raw materials to manufacture items	
Packaging & Shipping	Packs products for distribution	
Conveyer Belt	Moves product within the factory	
Generator	Produces energy for the factory	
Storage area	Stores materials for later use	
Collection center	Breaks down and recycles used parts	
Door	Allows for things to enter and leave the factory	
Bricks and Steel	Construction materials that keep the factory from collapsing	
Trucks/ 18 Wheelers	Move the factory when it needs to relocate	