

Name (s): _____

Class: _____ Date: _____

Worksheet: Gizmo Mitosis Simulation

Link: <https://gizmos.explorellearning.com/find-gizmos/launch-gizmo?resourceId=443>

In this activity, you will work in pairs to explore the stages of mitosis using the Gizmo simulation. Partner A will control the simulation, and Partner B will record the observations. Then you will switch roles.

 Observe each phase of mitosis and describe what you see:

| | Phase | Observations (structures, changes, key events) |
|----------------|-------------|--|
| | Interphase | |
| Mitosis phases | Prophase | |
| | Metaphase | |
| | Anaphase | |
| | Telophase | |
| | Cytokinesis | |

 Discussion Questions (Answer briefly after your observations):

1. What did you notice about the chromosomes during metaphase?

2. What changes did you observe in the nuclear membrane during mitosis?
