

Cell Cycle cut and paste assignment (Mitosis)

Instructions:

STEP 1: Cut out all the cells and partial cells on the diagram on the last page of the "Cell Division" booklet (the idea is that the diagram is supposed to be image that you might see through a microscope, with lots of different cells in different phases of the cell cycle). There are 16 cells and partial cells.

STEP 2: Arrange the pieces in order on your desk, in a cycle (circle).

****** Before moving on, have MsB check that you have the pieces arranged in the correct order!**

STEP 3: Glue the cells to a large sheet of paper, in the same order that you had them on your desk.

STEP 4: On the sheet of paper:

- Label each phase** of the cell cycle
- Draw arrows** showing the direction of the cell cycle
- On the back of the sheet of paper, **explain** what happens in each of the phases of the cell cycle

**** Include: IPMAT and C**

Interphase

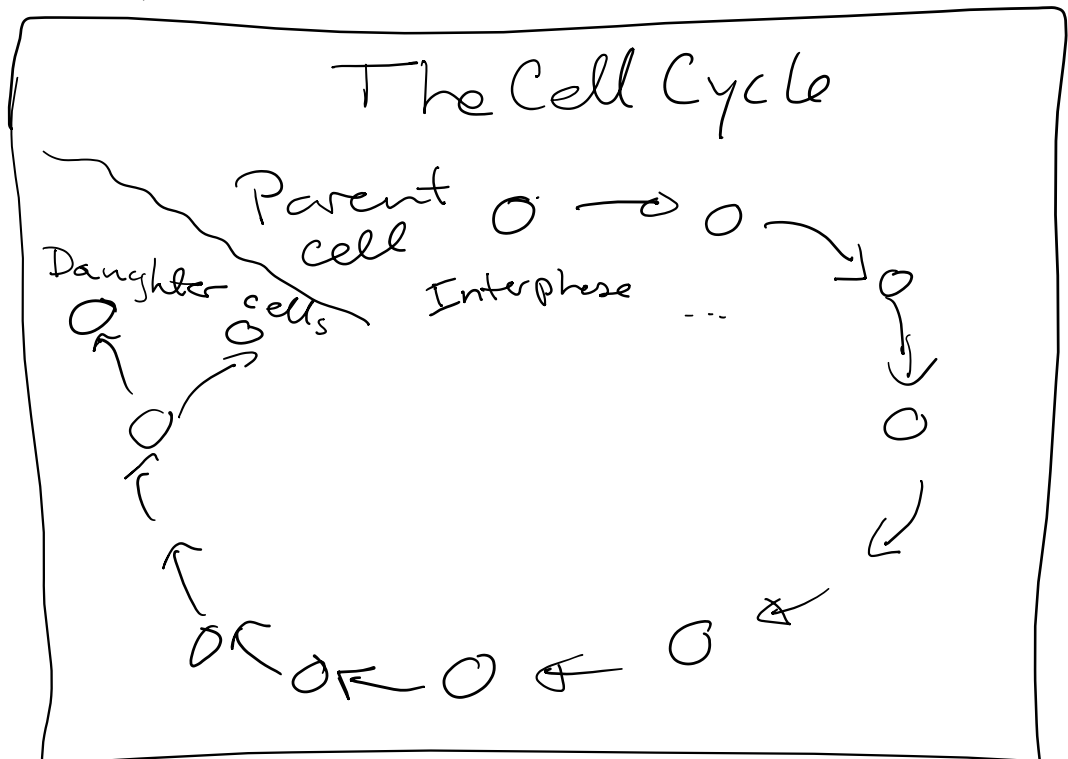
Prophase

Metaphase

Anaphase

Telophase

and Cytokinesis



★ N/Ae: indicate the phase each cell is in
- some phases have several cells at different stages (e.g. "early prophase" "late metaphase" etc.)