

### Mitosis Posters

Follow the instructions below for making your mitosis posters. Read all the instructions **before** you begin. You must work with one partner from your table! I will be grading the posters on effort, accuracy, and neatness. The images and information you need is in your book and in your notes. All the materials you need are on the counter. Work hard and quietly with your partner. Here is the procedure:

1. Pick a random phase from the beaker that you will make into a poster.
2. Get two pieces of white paper. Draw an animal cell on one piece and a plant cell on the other (one for each partner) with colored pencils. The cell should have FOUR chromosomes in the picture (or 8 chromatids if you are doing Anaphase or Telophase). Make sure you do research in your book before you begin your poster! Leave room on the top and the sides of your white paper to add a label and describe the important events in that phase.
3. Use yarn as your chromosomes for both the plant and animal cell. Glue the yarn to your picture.
4. Label the following parts in each cell (some will be missing these parts, depending on what cell you have and what phase you have)

Cytoplasm	Chromosome	Chromatid	Cell membrane
Cell Wall	Spindle Fiber	Centriole	Nucleus
Chromatin	Cell Plate	Nuclear Envelope	

5. Carefully title each cell and glue them side by side on a large sheet of construction paper.
6. Use colored pencils, markers, and construction paper to make your poster eye catching and accurate.
7. Place them on the counter side by side (until the glue dries).

**MAKE SURE THE COUNTER IS CLEAN WHEN YOU ARE DONE!**