**CELL DIVISION POSTER**

* TITLE CELL DIVISION
* ON THE FRONT OF YOUR PAPER, DIVIDE IT INTO 2 SECTIONS. (MITOSIS AND MEIOSIS)

**Mitosis Section: (Use pages244-249 or your notes)**

* What is mitosis?
* Does mitosis produce haploid or diploid cells?
* How many cell divisions does mitosis go through? (1 or 2)
* How many daughter cells are produce from mitosis?
* What type of cells undergo mitosis? (somatic or gametes)
* Give 3 examples of the type of cells that undergo mitosis.
* Draw the phases of mitosis. (interphase, prophase, metaphase, anaphase, telophase, cytokinesis)
* Does it produce genetically identical or genetically different offsprings?
* If a skin cell from a horse contains 50 chromosomes, how many chromosomes will each daughter cell contain when that skin cell divides?
* What is the difference between a plant and animal cell that undergoes mitosis? (specific) Draw a picture of each.

**Meiosis Section: ( Use pages 275-278 or your notes.)**

* What is meiosis?
* Does meiosis produce haploid or diploid cells?
* How many cell divisions does meiosis go through? ( 1 or 2)
* How many daughter cells are produce from meiosis?
* What type of cells undergo meiosis? (somatic or gametes)
* Give 2 specific examples of the type of cells that undergo meiosis.
* Draw a picture that illustrates meiosis.
* Does it produce genetically identical or genetically different offsprings?
* What is crossing over? When in the cell cycle does it occur? What does it provide?
* What are the sex chromosomes of male? What are the sex chromosomes of a female?
* If a skin cell from a horse contains 50 chromosomes, how many chromosomes will the sex cells contain?