

****CLASS SET - Return to teacher at end of period!****

Unit 5a Vocabulary Definitions

Directions: Copy the following definition *exactly as written* into your vocabulary chart. Then use definition to finish the other boxes.

1	Anaphase	Phase of mitosis in which the chromosomes separate and move to opposite ends of the cell.
2	Cancer	Disorder in which some of the body's cells lose the ability to control growth.
3	Cell Cycle	Series of events in which a cell grows, prepares for division, and divides to form two daughter cells.
4	Centriole	Structure in an animal cell that helps to organize cell division.
5	Centromere	Region of a chromosome where the two sister chromatids attach.
6	Chromatid	One of two identical "sister" parts of a duplicated chromosome.
7	Chromosome	Threadlike structure of DNA and protein that contains genetic information found in the nucleus of eukaryotes and cytoplasm of prokaryotes.
8	Cytokinesis	Division of the cytoplasm to form two separate daughter cells.
9	Interphase	Period of the cell cycle between cell divisions.
10	Metaphase	Phase of mitosis in which the chromosomes line up across the center of the cell.
11	Mitosis	Part of eukaryotic cell division during which the cell nucleus divides.
12	Prophase	First and longest phase of mitosis in which the genetic material inside the nucleus condenses and the chromosomes become visible.
13	Telophase	Phase of mitosis in which the distinct individual chromosomes begin to spread out into a tangle of chromatin.
14	Tumor	Mass of rapidly dividing cells that can damage surrounding tissue.