**Text Comparison Matrix**

**Concept/subject: Cell Cycle/Mitosis**

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| Steps | Description | Picture |
| Interphase | Interphase is the beginning stage of mitosis, in which the chromatin remains intact. This is the original form of the chromatin. | https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcSXJA-vVWXhIOUxbGWSRbxEZRDAlxYMBZs0C49VY39dIfjXi5CjQQ |
| Prophase | Prophase is the second stage in which the cell enters during the cell cycle. The chromatin turn into the X phase and create chromosomes. |  |
| Metaphase | Metaphase begins when the chromosome is lined up in the middle of the cell and fibers attach to the chromosomes. |  |
| Anaphase | Anaphase is the fourth stage of cell division when the chromosomes are pulled apart and become V shaped chromatids. | http://www.edupic.net/Images/Mitosis/anaphase.png |
| Telophase | Telophase is the final stage of cell division where the nuclear envelope begins to develop around the cell |  |
| Cytokinesis | Cytokinesis is the stage where the cell has completely divided into two sister cells |  |

Summary: (discuss the importance of the cell cycle)