

### Cornell Notes

Topic / Objective: <u>Cell Division / Explain the cell cycle to understand mitosis and meiosis</u>	Name:
	Class / Period:
	Date: <u>Monday 3.5.18</u>

Essential Question: 1. What are the functions of cell division? 2. What happens during the cell cycle?

Questions:	Notes: <u>Key Point</u>	<u>Information</u>
<u>What is the purpose of cell division in living organisms?</u>	<u>Cell Introduction</u>	<ul style="list-style-type: none"> <li>Organisms reproduce when specialized cells from 2 different combine</li> <li>Performed in living organisms</li> </ul>
<u>How many major steps are in the cell cycle?</u>		<ul style="list-style-type: none"> <li>Cell division allows organisms to grow, repair damaged structures and reproduce</li> </ul>
<u>How many stages are within the cell cycle?</u>	<u>Cell Cycle</u>	<ul style="list-style-type: none"> <li>During the cell cycle, a cell grows, prepares for division, and divides into two new cells - "daughter cells"</li> </ul>
<u>What do you call new cells that divide?</u>		<ul style="list-style-type: none"> <li>Three Main Stages:               <ol style="list-style-type: none"> <li>1. Interphase</li> <li>2. Mitosis</li> <li>3. Cytokinesis</li> </ol> </li> </ul>
<u>What is the first stage in the cell cycle?</u>	<u>Interphase</u> G: Growth S: Synthesis	<ul style="list-style-type: none"> <li><u>FIRST STAGE</u></li> <li><u>TO DO LIST:</u> <ol style="list-style-type: none"> <li>1. Cell grows <sup>G<sub>1</sub></sup></li> <li>2. Makes copy of DNA <sup>S</sup></li> <li>3. Prepares to divide into two cells <sup>G<sub>2</sub></sup></li> </ol> </li> </ul>

Summary:


