

Topic	Objective(s)	Approx. # Hours Not including making notes	Video Notes Stamped when checked	Activities List activities selected in OneNote Stamped when checked	Mastery Checks Thatquiz.org Min 80%
1	Characteristics of Life & Cell Theory: <i>Understand the requirements for life and the basis of life</i>	<u>1 in class</u> 1 at home	1 video		X
2	Cell Structures & Types: <i>Examine structures of plant & animal cells; Use appropriate terminology to describe structural differences Understand the structural and functional roles of organelles; Explain the difference between prokaryotic and eukaryotic cells and the relevance of each</i>	<u>3 in class</u> 3 at home	2 videos	Assignment <input type="checkbox"/>	Structures □□□□ Got It! Diagrams □□□□ Got It!
3	Cell Cycle & Mitosis: <i>Describe the cell cycle and explain the importance of division; Explain the importance of mitosis for cell growth & repair; Examine cells using a microscope (images) to identify stages of mitosis and create biological diagrams</i>	<u>3 in class</u> 3 at home	2 videos	Assignment <input type="checkbox"/>	□□□□ Got It!
4	Cancer: <i>Investigate the rate of cell division in cancerous and non-cancerous cells and predict its impact</i>	<u>1 in class</u> 1 at home	1 video		□□□□ Got It!
5	Cell Specialization & Tissues: <i>Explain the importance of cell specialization in generating new tissues and organs; Investigate specialized cells (tissues) using a microscope (images) to indicate structural differences</i>	<u>1 in class</u> 1 at home	1 video		X
6	Organ Systems & Interactions: <i>Explain the primary functions of a variety of systems; Explain the interactions of different systems and why they are necessary for survival;</i>	<u>2 in class</u> 3 at home	2 videos	Assignment <input type="checkbox"/>	□□□□ Got It!

