

Rigorous Learning Goal/Scale

Course:	Biology- Unit 4- Unit Cell Division and Genetics- Cell Division
Score 4 Additional Success with the complex content and concepts—inferences, novel applications	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. <i>Students will make an inference beyond what was explicitly taught. Students apply learned content</i> Student makes no major errors or omissions regarding the score 4 content
Score 3 Mastery of complex content and concepts of learning goal	TARGET LEARNING GOAL: The student will be able to explain how characteristics from one generation are related to the previous generation. • Predict the possible outcome of normal vs. abnormal cellular processes applying knowledge of mitosis and meiosis • Explain the significance of surface area and volume ratio to cell division • Apply knowledge of the mitotic phases and compare to meiosis • Apply knowledge of the stages of the cell cycle Student makes no major errors or omissions regarding the score 3 content
Score 2 Success with simpler content—vocabulary, foundational skills	The student will recognize or recall specific vocabulary or basic content, such as: • Defines mitosis and meiosis • Defines structures associated with cell division The student will perform basic skills or process, such as: • Determine surface area and volume of a cell • Lists the phases in order of mitosis and meiosis Student makes no major errors or omissions regarding the score 2 content
Score 1 Partial success with help	With help, student achieves partial success at score 2 content and/or score 3 content
Score 0 No success even with help	Even with help, no success