

Course/Subject/Grade(s): Science 9		Planning Team:				
Unit Big Idea: Cells are derived from cells		Unit Guiding Question(s): What are cells and where do they come from?				
Goals	Access – This is what I NEED to know and do	All – This is what I MUST know and do	Most – This is what I CAN know and do	Few – This is what I COULD know and do	Extension – This is what I can TRY to know and do	
Content Goal: Asexual reproduction Sexual reproduction	I know what cells are I know identical and non-identical	I know mitosis I know the 6 forms of asexual reproduction I know meiosis I know how humans reproduce	I know the stages of mitosis and meiosis I know the difference between asexual and sexual reproduction	I know the genetic results of human reproduction	I know what a gene is and why it is important	
Curricular Competencies: Questioning	Sustained intellectual curiosity	I can wonder about a scientific topic	I can ask questions about a scientific topic	I can ask questions to further my inquiry about a scientific topic	I can sustain my inquiry about a scientific topic over time	I can sustain an inquiry about a scientific topic of my own interest over time
	Make observations	I can use my senses to observe and describe	I can make observations to identify questions about a topic	I can observe to find patterns to help explain or support a hypothesis	I can observe & make connections to phenomena in the natural world connected to my inquiry	I can observe ethically in the natural world
	Hypothesize	I can come up with possible explanations to my wonderings	I can make an informed hypothesis about a scientific question	I can come up with multiple informed hypothesis about a scientific topic	I can formulate new hypothesis based on new information in a scientific inquiry	I can predict multiple outcomes to my own inquiry