

Subject:		Biology		Grade Level: 9-12	
Technology Used:		Concept maps			
Ohio Technology Standard Met:					
Grade	Standard #	Benchmark Letter	Indicator #	Narrative	
10	4	A	1	Identify and incorporate common organizational techniques used in electronic communication (e.g., cause and effect, compare and contrast, problem and solution strategies).	
Ohio's New Learning Standards Met:			Within the cell are specialized parts for the transport of materials, energy transformation, protein building, waste disposal, information feedback and movement. In addition to these basic cellular functions, most cells in multicellular organisms perform some specific functions that others do not.		
Literacy (ELA) Standard:			RST.9-10.2 Analyze content-area-specific text development. a. Determine the central ideas or conclusions of a text. b. Provide an accurate and objective summary of the central ideas of the text that traces the text's explanation or depiction of a complex process, phenomenon, or concept.		
Lesson Plan Title OR Internet URL:			Cellular jobs		
Description of lesson idea/plan/activity					
Students will listen to a short lecture and be given an article describing the different jobs in the cell (waste disposal, energy transformation, protein building and packaging, etc.). They will form a concept map that will connect the parts of the cell/organelles/ any-other-relevant-information-they-have-already-learned that relate to that cellular function or "job."					
How will you ASSESS the Technology Standard?					
I will look at the concept maps that the students have made and make sure that they understand how to compare and contrast information that they have found in the article as well as during lecture.					
How will you ASSESS the Academic Content Standard?					
I will check to make sure that the students have correctly matched each cellular job with its components.					