

## Biology Homework Set 7 – Due Thursday 11-15-07

On another sheet of paper, build a concept map using the concepts on the right. You must show as many relationships between the concepts as possible. Refer to Lecture 11-05-07 notes for the description of how to make a concept map. You will be graded on a) the relationships between the concepts, b) the direction of the arrows and the associated description of how the concepts are related, and c) the overall quality of your work. Linking phrases that are more descriptive will receive full credit.

On this sheet of paper, make a table indicating the general categories in which you would place these concepts. The top of the table should start with bacteria, eukarya, and archaea.

**Use your own linking phrases and structure to build a concept map with the following concepts:**

Nuclear Envelope	Sexual reproduction
Bacteria	Cell-wall
Eukarya	peptidoglycan
Circular Chromosome	RNA polymerase
Archaea	Fatty acids
Organelles Present	cellulose
plasma membrane lipids	Unicellular
Histone proteins	formylmethionine
methionine	Multicellular