**Prokaryotic Cell Project**

**Project Outline:** In this project, you will be constructing a model of a prokaryotic (bacterial) cell. You will build this model using materials of your choice, but several guidelines must be followed.

Structures that must be included and labeled on your model: **Flagellum Capsule Pilli Plasma Membrane Cell Wall Ribosomes Nucleoid Region** **Plasmid DNA**

Model Guidelines that MUST be followed

* All structures must be 3-D. There should be no drawing on your model with pen, pencil, or marker.
* Your model must include at least 3 colors (a different color for each structure would be best but not required)
* All structures must be labeled on the model. You may not use a key for the structures.
* You will have a typed key that lists the function of each structure. This will be attached to the model in some way (taped, glued, stapled to the back, or tied…something like that).

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