**Cell Model Project Description & Scoring Rubric**

The object of this assignment is to learn the parts of a typical cell and understand how these parts operate together. You may work alone, with a partner, or in groups of three. Any groups larger than three will divide the project score equally between them (this is NOT a good thing. Think about it.).

Your model does not have to be the next Great American Work of Art, but it should not look like it was assembled after supper by a first grader either. Each part must be constructed of something (at least paper) and have some 3-D quality. Points will not be given for things simply drawn or pictures printed from other sources.

The structures that you will be responsible for are the following:

|  |  |
| --- | --- |
| NucleusMembraneCell WallEndoplasmic ReticulumRibosomes | GolgiMitochondriaChloroplastsLysosomesVacuole |

You will be given approximately 20-30 minutes per class period to work on this assignment each day this week. It will be due on Friday, November 8 as an ASSESSMENT GRADE.

Remember, anyone can do the bare minimum to get by. This is an OPPORTUNITY to do something creative and boost your assessment category score!

The rubric from which your product will be assessed is below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 25 points | 20 points | 15 points | 10 points | 5 points |
| Cell Parts | All cell parts are correctly represented. | No more than one cell part is missing or incorrectly represented. | Two or three cell parts are missing or incorrectly represented. | Four to six cell parts are missing or incorrectly represented. | More than six cell parts are missing. |
| Quality | Model is of very high quality; neatly made and uses materials in a creative manner. | Model is of good quality; neatly made and uses materials appropriately. | Model is of fair quality; sloppy OR materials are not used in an sensible manner. | Model is of poor quality; sloppy AND materials not used in a sensible manner. | Model is of extremely poor quality. |
| Key/Labels | Includes a legible and correctly spelled key or labels for all cell parts. | No more than one cell part is incorrectly labeled or missing. | No more than two or three cell parts are incorrectly labeled or missing. | No more than four to six cell parts are incorrectly labeled or missing. | More than six cell parts are incorrectly labeled or missing. |
| 3-D | Model is completely three-dimensional and all parts can be viewed from all angles. | Model is mostly three-dimensional and most parts can be viewed from most angles. | Model is somewhat three-dimensional and many parts cannot be viewed from all angles. | Model is barely three-dimensional and most parts cannot be viewed from all angles. | Model is not three-dimensional. |

SCORE: /100

COMMENTS: