**3-D Cell Model Rubric**

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirement** | **Possible Points** | **Points Earned** | **Notes** |
| *Scientific Accuracy:*  Cell Wall | 2 |  |  |
| *Scientific Accuracy:*  Cell Membrane | 2 |  |  |
| *Scientific Accuracy:*  Nucleus | 2 |  |  |
| *Scientific Accuracy:*  Nuclear Membrane | 2 |  |  |
| *Scientific Accuracy:*  Nucleolus | 2 |  |  |
| *Scientific Accuracy:*  Mitochondria | 2 |  |  |
| *Scientific Accuracy:*  Rough Endoplasmic Reticulum | 2 |  |  |
| *Scientific Accuracy:*  Smooth Endoplasmic Reticulum | 2 |  |  |
| *Scientific Accuracy:*  Ribosomes | 2 |  |  |
| *Scientific Accuracy:*  Golgi Bodies | 2 |  |  |
| *Scientific Accuracy:*  Lysosomes | 2 |  |  |
| *Scientific Accuracy:*  Chloroplast | 2 |  |  |
| *Scientific Accuracy:*  Vacuole | 2 |  |  |
| *Scientific Accuracy:*  Microtubules | 2 |  |  |
| *Scientific Accuracy:*  Microfilaments | 2 |  |  |
| *Scientific Accuracy:*  Cytoplasm | 2 |  |  |
| *Scientific Accuracy:*  Chromatin | 2 |  |  |
| Are the relationships between the parts, if any, shown correctly?  *Nucleolus/Nucleus/Chromatin*  *Ribosomes/Rough ER/Smooth ER* | 10 |  |  |
| Is the model truly three-dimensional? | 5 |  |  |
| Is the model sturdy enough to be moved around without all of the parts falling apart? | 5 |  |  |
| Is the model free-standing? | 5 |  |  |
| Is the model attractive, neat, and pleasing to the eye? | 8 |  |  |
| Are textures and colors used in a pleasing manner? | 5 |  |  |
| Would the model stand out in a group? | 5 |  |  |
| Is the choice of materials original or are they the usual things one always finds in a school project? | 8 |  |  |
| Is the model unique? | 5 |  |  |
| Is there a neat, helpful Key? | 10 |  |  |
| **Total** | 100 |  |  |