**3-D Cell Model Rubric**

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| **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 |  |  |