

Building A Structure: 3-D Model Cell

Teacher Name: **Clarke**

Student Name: _____

| CATEGORY | 4 | 3 | 2 | 1 |
|----------------------------------|--|--|---|--|
| Title and Heading Card | The Cell Model has an exceptional title that is neat, large enough to read easily, and pleasing to the eye. There is a neat and proper heading index card. | The Cell Model has an adequate title, fairly easy to read, and is attractive. There is a proper heading index card. | The Cell Model has a the title that is acceptable but a bit messy and not very easy to read. The heading index card is not in the format specified. | The Cell Model has no title or a proper heading index card. |
| Labeling | The Cell Model is exceptionally and attractively labeled with all cell parts. | The Cell is adequately and neatly labeled with all cell parts. | The Cell Model is only partially labeled with cell parts and/or is not very neat. | The Cell is not labeled with any cell parts. |
| Scientific Knowledge | The "Structures and Functions Key" indicates a clear and accurate understanding of scientific principles underlying the construction and modifications. | The "Structures and Functions Key" indicates relatively accurate understanding of scientific principles underlying the construction and modifications. | The "Structures and Functions Key" indicates a basic understanding of scientific principles underlying the construction and modifications. | The "Structures and Functions Key" does not indicate much understanding of scientific principles underlying the construction and modifications OR there is No Key. |
| Construction - Materials | Appropriate materials were selected and creatively modified in ways that made them even better. | Appropriate materials were selected and there was an attempt at creative modification to make them even better. | Appropriate materials were selected. | Inappropriate materials were selected and contributed to a product that performed poorly. |
| Construction - Care Taken | Great care taken in construction process so that the structure is neat, attractive and follows plans accurately. | Construction was careful and accurate for the most part, but 1-2 details could have been refined for a more attractive product. | Construction accurately followed the plans, but 3-4 details could have been refined for a more attractive product. | Construction appears careless or haphazard. Many details need refinement for a strong or attractive product. |