

Building A Structure : Mitosis Claymation (G)

Group Name: _____

Block: _____

CATEGORY	4	3	2	1
Scientific Knowledge	Explanations by all group members indicate a clear and accurate understanding of the scientific principles.	Explanations by all group members indicate a relatively accurate understanding of the scientific principles.	Explanations by most group members indicate relatively accurate understanding of the scientific principles.	Explanations by several members do not illustrate much understanding of the scientific principles.
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.
Attractiveness	Makes excellent use of font, color, graphics, effects, etc. to enhance the presentation.	Makes good use of font, color, graphics, effects, etc. to enhance to presentation.	Makes use of font, color, graphics, effects, etc. but occasionally these detract from the presentation.	Use of font, color, graphics, effects etc. but these often distract from the presentation content.
Requirements	All requirements are met and exceeded.	All requirements are met.	One requirement was not completely met.	More than one requirement was not completely met.
Content	Covers topic in-depth with details and examples. Subject knowledge is excellent.	Includes essential knowledge about the topic. Subject knowledge appears to be good.	Includes essential information about the topic but there are 1-2 factual errors.	Content is minimal OR there are several factual errors.
Mitosis Information	All steps of the Mitosis process are explained in great detail.	All steps of the Mitosis process are explained.	Most steps of the Mitosis process are explained.	Some of the steps of the Mitosis process are explained.
Frame Totals for Each Step of Cycle	Students created their stop-motion video with at least 30 frames for each step of the cycle.	Students created their stop-motion video with at least 25 but less than the 30 frames for some/all steps of the cycle that were required.	Students created their stop-motion video with at least 20 but less than the 30 frames for some/all steps of the cycle that were required.	Students created their stop-motion video with far fewer required frames for some/all steps of the cycle.

Total Points: / 32 = _____%