

3-D Cell Model Evaluation Rubric

Cells

Name(s):	Class period:
Date:	Score:

This rubric is used to verify specific tasks performed when constructing this model. If the task has been successfully completed with quality, all points are awarded; poor quality work will reduce the scores at instructor's discretion. No points are awarded if the task is not complete.

Category	Scoring Criteria	Points	Student Evaluation	Teacher Evaluation
Craftsmanship 23 pts	Model cell meets size requirements as stated in directions. No smaller than 4" x 6", and no larger than 9" x 12".	6		
	The model is 3 dimensional.	6		
	Model stays together. Appropriate materials are used: Use clear drying glue. Avoid tape, pins and staples.	6		
	Contained in a box (shoe box or similar)	5		
Identification, key & descriptions 18 pts	Type of cell, student name, class, date are found on both key and model	3		
	Accurate identification key/legend is provide	5		
	Accurate description of the function of each organelle is provide as part of the key/legend	10		
Cell parts 41 pts	cell membrane, nucleus, cytoplasm	9		
	vacuole, rough E. R., smooth E.R.	9		
	ribosomes, golgi apparatus, mitochondria	9		
	nucleolus, and (plant: cell wall, chloroplast) or (animal: lysosomes)	9		
	Cell shape corresponds with type of cell: plant or animal	5		
Written word 5 points	All written material is free of any spelling, grammar or punctuation errors.	5		
Score	Total Points	87		
Self-evaluation	Students are expected to honestly evaluate their own work. If the difference between the student evaluation and the teacher evaluation is more than 10 points, 5 points will be deducted from the teacher's score when the grade is recorded.			

Deadline	All assignments are expected to be completed by the assigned deadline. No credit will be given after this time.
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