

Poster Rubric

Name: _____

Date: _____

Poster Section	Required Pieces	Points	Score
Title Box	1. Name of diatom	1	
	2. Type of symmetry	1	
	3. First and last names of author	1	
Images of normal and mutant diatom with labeled structures	1. Clear image of normal cell	2	
	2. Clear image of mutant model	2	
	3. All parts labeled on both cells	5	
	Ribs		
	Pores		
	Portula		
	Raphe		
	Spines		
4. Mutated structure clearly labeled	3		
Cause of genetic mutation <i>(Use evidence from Act.4 in notebook)</i>	1. What caused the mutation?	2	
	Uv Light		
	DNA building mistakes		
	Human produced carcinogens		
Gene information	1. Feature controlled by gene		
	Ribs		
	Pores		
	Portula		
	Raphe		
	Spines		
	2. How feature is changed in the mutant	4	
	3. Feature's normal cellular function	2	
4. How feature's normal cellular function changes in mutant	5		
Possible protein function <i>(Use adjectives to describe)</i>	1. Normal protein function	2	
	2. Abnormal protein function	6	
Mutant in the environment	1. Explain how the change in structure impacts how well the mutant does in its environment	6	
	2. What environment would your diatom do well in? Why? What environment would it do badly in? Why?	6	
Neatness	Writing, cutting and gluing is neat and professional, consider using color themes, borders and backgrounds	5	
Spelling	All words should be correctly spelled	5	
Readability	Poster should be in a easy to read from a distance (font style and size)	5	
Visual Appeal	Poster should catch the eye and draw readers attention	5	
Total Points		68	