

Project Rubric

Your Name: _____

Group Member Names: _____

Criteria	3 points	2 points	1 point
Research on Genetic Disorder	Accurately identifies specific mutations, affected cells, prevalence, symptoms, and current treatments for the chosen genetic disorder.	Identifies some of the required information for the chosen genetic disorder, but with some inaccuracies or missing details.	Provides limited or incorrect information about the chosen genetic disorder.
Understanding of CRISPR/Cas9	Demonstrates a thorough understanding of CRISPR/Cas9, including the concepts of non-homologous end joining and homology-directed repair.	Shows some understanding of CRISPR/Cas9, but with minor misconceptions or incomplete explanations.	Displays a limited understanding of CRISPR/Cas9, with significant misconceptions or lack of explanation.
Modification of CRISPR Model	Successfully modifies the paper CRISPR/Cas9 model to accurately simulate how it would be used to alter the specific gene target for the chosen genetic disorder.	Modifies the paper CRISPR/Cas9 model with some inaccuracies or inconsistencies in simulating how it would be used to alter the specific gene target.	Attempts to modify the paper CRISPR/Cas9 model, but with significant inaccuracies or inconsistencies in simulating how it would be used to alter the specific gene target.
Funding Pitch Development	Develops a well-organized and compelling trifold poster that clearly presents the need for funding to develop a CRISPR-based cure for the chosen genetic disorder.	Develops a somewhat organized trifold poster, but with some inconsistencies or lack of clarity in presenting the need for funding.	Develops a poorly organized or unclear trifold poster that does not effectively present the need for funding.
Class Consensus	Contributes significantly to the debate and discussion, effectively advocating for the chosen genetic disorder to receive the funding based on evidence and logical reasoning.	Participates in the debate and discussion, but with some inconsistencies or limited contribution to advocating for the chosen genetic disorder to receive the funding.	Has minimal or no contribution to the debate and discussion, or fails to advocate for the chosen genetic disorder to receive the funding.
Sources and Citations	Accurately cites reliable sources for all information presented.	Mostly cites reliable sources for the information presented.	Partially cites reliable sources for the information presented.