

# FUTURELAB+

## Unit 1: Inherited Diseases Project Rubric

### Directions

Use the center columns to evaluate whether the product meets the standard or is still developing. Provide specific suggestions for improvement in the left column. Note elements that exhibit deeper understanding in the right column.

<b>Emerging</b> How can this product be improved?	<b>Developing</b> This product includes some, but not all required elements	<b>Proficient</b> This product meets all performance expectations	<b>Advanced</b> How does this product exceed expectations?
	I can make a claim that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors.	I can make and defend a claim based on evidence that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors. <b>NGSS-HS-LS3-2</b>	
	I can apply concepts of statistics and probability to organize data on the variation and distribution of expressed traits in a population.	I can apply concepts of statistics and probability to explain the variation and distribution of expressed traits in a population. <b>NGSS-HS-LS3-3</b>	
	I can translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) or translate information expressed visually or mathematically (e.g., in an equation) into words.	I can translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words. <b>Reading in Science and Technical Subjects</b>	

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*Continued*

<b>Emerging</b> How can this product be improved?	<b>Developing</b> This product includes some, but not all required elements	<b>Proficient</b> This product meets all performance expectations	<b>Advanced</b> How does this product exceed expectations?
	I can analyze how genetics, family history, or the relationship between access to health care and health status can impact personal health.	I can analyze how genetics, family history, and the relationship between access to health care and health status can impact personal health. I can propose ways to reduce or prevent health problems based on these factors. <b>Health Literacy</b> <i>NHES Standard 1</i>	
	I can somewhat adapt health messages and communication techniques to a specific target audience.	I can adapt health messages and communication techniques to a specific target audience. <b>Health Literacy</b> <i>NHES Standard 8</i>	
	I can develop ideas for a purpose and task, to communicate appropriate findings, arguments and supporting evidence. My audience can follow the line of reasoning.	I can clearly develop ideas appropriate to the purpose and task, to communicate appropriate findings, arguments and supporting evidence clearly, concisely and logically. My audience can easily follow the line of reasoning. <b>Presentation—</b> <b>Explanation of Ideas and Information</b>	