

Name: _____

4.2.1; 4.2.2

Genetics and Biotechnology Unit Anticipation Guide LT: I can support ideas about genetics and biodiversity using scientific reasoning.

Directions: Read each statement and decide if you agree, disagree, or are neutral about the statement. Indicate your choice in the graphic organizer below. Then, explain or justify your response, indicating **why** you either agree or disagree (or are neutral). **After** completing the genetics & biotechnology unit, re-read each statement. Decide if your view or ideas have changed and choose either agree or disagree in the appropriate column below. In the last column, explain your choice, provide clarification to the statement, or include notes or new questions generated by the statement.

Before Agree or Disagree	Statement and Explanation	After Agree or Disagree	Explanation, Clarification, Notes, or Questions
	<p><u>Statement:</u> If someone looks more like one parent than the other, they must have inherited more genes (DNA) from that parent.</p> <p><u>Explanation:</u></p>		
	<p><u>Statement:</u> Individuals may pass on traits (characteristics) to their offspring which they themselves do not show.</p> <p><u>Explanation:</u></p>		
	<p><u>Statement:</u> Human beings cannot be cloned.</p> <p><u>Explanation:</u></p>		
	<p><u>Statement:</u> Mutations often lead to disfigured organisms or disease.</p> <p><u>Explanation:</u></p>		