

Name: \_\_\_\_\_

**NOTE: We will work on this menu at school but it also needs to be worked on at home in order to be completed on time.**

**Growth and Inheritance: S5L2.** *Students will recognize that offspring can resemble parents in inherited traits and learned behaviors.*

**Essential Questions:** *How are characteristics inherited? What other factors affect characteristics? How are inherited traits different from learned behaviors?*

<p align="center"><b>Vocabulary</b> (Complete ONE of the following) Due: _____</p>	<p align="center"><b>Building Task</b> (Complete the first activity, then complete ONE of the bottom two) Due: _____</p>	<p align="center"><b>Culminating Task</b> (Complete ONE) Due: _____</p>						
<p>Watch the introduction video: <a href="https://www.brainpop.com/science/cellularlifeandgenetics/heredity/">https://www.brainpop.com/science/cellularlifeandgenetics/heredity/</a> OR <a href="http://studyjams.scholastic.com/studyjams/jams/science/human-body/heredity.htm">http://studyjams.scholastic.com/studyjams/jams/science/human-body/heredity.htm</a> Or...you may watch both if you'd like! ☺</p> <p>Then read pages 324-347 in the textbook.</p> <p>Then choose one of the following:</p>	<p><b>MUST DO:</b> Watch the <i>Genetic Mutations</i> video on Brain Pop. Take the quiz when you're done and either submit it or show your teacher your score.</p> <p>Score: _____</p> <p>Complete the Bioglyph activity. See the teacher to get the materials you need.</p>	<p>Create a board game that could be used to teach students about what you have learned about growth and inheritance. Your game must include all of the vocabulary from this unit and also incorporate the essential questions. Be creative!</p>						
<p><b>CHOICE ONE:</b> Using index cards, create flash cards for each of the following words: <i>inherited trait, dominant trait, recessive trait, gene, instinct, learned behavior, environment</i> The word should be on one side of the card, and the definition and an illustration should be on the other side. Show them to your teacher when you finish.</p>	<p><b>CHOICE ONE:</b> Complete the <i>Heads or Tails</i> activity on page 331. Make sure your page is titled <i>Heads or Tails Activity</i>. Be sure to include a neatly written and organized table that looks like this:</p> <table border="1" data-bbox="774 773 1278 867"> <tr> <td align="center">Heads (Dominant)</td> <td align="center">Tails (Recessive)</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td align="center">Total:</td> <td align="center">Total:</td> </tr> </table>	Heads (Dominant)	Tails (Recessive)			Total:	Total:	<p>Complete the Trait Inventory activity. In this activity, you will conduct a survey to see what traits your classmates have. Once you gather the data, you will use it to predict which traits are dominant and which are recessive. Then, go online and look each trait up and see what the research says...which ones are actually dominant, and which are recessive? Were your hypotheses correct? Finally, create a double bar graph showing the data you found for both the boys and girls you surveyed. You will then answer four questions with complete sentences that go with this activity. See your teacher for more information.</p>
Heads (Dominant)	Tails (Recessive)							
Total:	Total:							
<p><b>CHOICE TWO:</b> Create a chart for your vocabulary. It must be neatly drawn (use a ruler) and pictures MUST be colored. Use pages 325 and 339 in the textbook for vocabulary. The words that must be on the chart are: <i>inherited trait, dominant trait, recessive trait, gene, instinct, learned behavior, environment</i></p> <table border="1" data-bbox="121 1159 611 1346"> <thead> <tr> <th align="center">Word</th> <th align="center">Picture to help you remember</th> <th align="center">Definition</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Show your chart to your teacher when you finish.</p>	Word	Picture to help you remember	Definition				<p>Make a prediction of how many times you think it will land on each side. Then, complete the activity, using groups of tally marks to keep track of your data.</p> <p>Answer the following questions in your interactive journal when you're finished:</p> <ul style="list-style-type: none"> <li>-How many times did your coin land on heads?</li> <li>-How many times did it land on tails?</li> <li>-Was your prediction correct?</li> <li>-Do you think it is possible to predict dominant and recessive traits from showing?</li> </ul>	<p>Create a Kahoot! that can be used to review this unit. The website is <a href="https://create.kahoot.it/#login?next">https://create.kahoot.it/#login?next</a>= Use your textbook as a reference and come up with 10-12 questions for the quiz. Be sure that the vocabulary and essential questions are included in the review!</p> <div data-bbox="1430 1200 1948 1365" style="text-align: center;">  </div>
Word	Picture to help you remember	Definition						
<p><b>After you finish ALL columns, play Jeopardy with this link:</b> <a href="https://jeopardylabs.com/play/5th-gradegenetics-review">https://jeopardylabs.com/play/5th-gradegenetics-review</a></p>								

