

## Student Choice Activity: DNA and Mitosis vs. Meiosis

**Directions:** Choose one activity in each box to complete. You will need your Surface to access [www.mrsbrunetto.weebly.com](http://www.mrsbrunetto.weebly.com). When you are done with this activity, you will have completed 2 activities for DNA, 2 activities for Mitosis vs. Meiosis, and 1 activity for Protein Synthesis for a total of 5 activities.

DNA	Mitosis vs. Meiosis
<p><i>Activity # 1 for DNA: Your choices are: Pick ONE!</i></p> <ol style="list-style-type: none"> <li>1. Coloring page DNA with questions</li> <li>2. Genetics Thinket Card: Choose either Card #8, or Card 10 and complete the activity.</li> </ol>	<p><i>Activity 1 for Mitosis vs. Meiosis</i></p> <ol style="list-style-type: none"> <li>1. Complete a Venn Diagram comparing Mitosis vs. Meiosis using the resources found on the Blendspace – Genetics on my Weebly.</li> </ol> <p>You can use #'s 10, 11, 12, 13, 14 within the Blendspace to complete this task.</p>
<p><i>Activity #2 for DNA: Your choices are: Pick ONE!</i></p> <ol style="list-style-type: none"> <li>1. Click on the Blendspace DNA on my weebly under Unit 4 – Genetics. Choose one of the following activities below.               <ol style="list-style-type: none"> <li>A. Watch the Ameoba Sisters “The Structure of DNA” video and answer the question sheet.</li> <li>B. Watch the BrainPop on DNA and complete the Quiz. You will need to hand in a paper copy of the quiz with your answers and show any corrections you needed to make on ones you got wrong.</li> <li>C. Watch the BrainPop on Genetics and complete the Quiz. You will need to hand in a paper copy of the quiz with your answers and show any corrections you needed to make on ones you got wrong.</li> </ol> </li> </ol>	<p><i>Activity #2 for Mitosis vs. Meiosis Pick One</i></p> <ol style="list-style-type: none"> <li>1. Thinket # 9</li> <li>2. Watch the BrainPop on Mitosis and complete the Quiz. You will need to hand in a paper copy of the quiz with your answers and show any corrections you needed to make on ones you got wrong.</li> <li>3. Watch the Ameoba Sisters Meiosis video. List the ways that Meiosis is different than Mitosis.</li> <li>4. On my website, click on the link to the Quizlet: Mitosis vs. Meiosis and play one of the activities. Take a screenshot as you play to show you have completed this task.</li> </ol>

## Protein Synthesis

*Choose ONE of the following Activities: You will use the Blendspace – Protein Synthesis link on my Weebly.*

1. Blendspace- Protein Synthesis.

There are 3 videos posted on this link. Watch one (or all) of the videos and write a quick summary of protein synthesis.

2. Play the protein synthesis matching game, AND...Pick 2 of the “Create-A-Pet” sheets, and create your own pet, or flower.

3. Create a story, comic strip, picture, short video or other teacher approved format that explains the steps of protein synthesis.