Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_

**Station #3: Dem Bones!**

**Unit Essential Question:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Focus Question:** What evidence shows that different species are related?

**Task:** In this lab you will identify, describe, and compare homologous, analogous, and vestigial structures in different organisms.

**Part I Homologous Structures Directions:** Follow the step-by-step directions, in order, below.

1. Define homologous structure. You can use the definition found in the laminated background information card in the tub.

2. Read the laminated passage in the tub titled ‘Homologous Structures”.

3. Identify and color the homologous structures in the bones below. Use five different colors of your choice.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Ms. Murphy approval**

**Part II Analogous Structure Directions:** Follow the step-by-step directions, in order, below.

1. Define analogous structure. You can use the definition found in the laminated background information card in the tub.

2. Go get the Chromebook that is assigned to you and login.

3. Go to the blog and click on the link for the video titled “Analogous Structures” and watch it.

4. Compare and contrast homologous and analogous structures below:

**\_\_\_\_\_ Ms. Murphy approval; keep the Chromebook.**

**Part III Vestigial Structures Directions:** Follow the step-by-step directions, in order, below.

1. Define vestigial structure. You can use the definition found in the laminated background information card in the tub.

2. Go to the blog and click on the link for the video titled “Vestigial Structures” and watch it.

3. List three examples of vestigial structures below:

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Return all supplies.**