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

**Other Evolutionary Scientists – STAPLE THIS TO YOUR GUIDED NOTES ONCE YOU ARE FINISHED!**

Directions – Under the picture of each scientist, answer the questions about their contribution to the theory of Evolution. Use your guided notes to answer these questions.





**Thomas Malthus**

1. Malthus reasoned that if the human \_\_\_\_\_\_\_\_\_\_\_\_\_ continued to grow unchecked, sooner or later there would be insufficient living space and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for everyone.

2. How did the work of Malthus influence Darwin?

**Jean-Baptiste Lamarck**

1. Lamarck proposed that by selective use or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of organs, organisms acquired or lost certain traits during their lifetime. These traits could then be passed on to their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. True or False: Lamarck’s theory of evolution was correct.

3. True or False: The work of Lamarck did not benefit scientists in any way.

**Charles Lyell**

1. The processes that shaped the Earth \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of years earlier continue in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. This influenced Darwin because, If the Earth could change over time, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ might change as well.

**James Hutton**

1. True or False: Hutton stated that geologic forces acted on the Earth very slowly.

2. What did Hutton say about the age of the Earth?

Directions – Draw, color, and label (there is a caption underneath the picture that you can use to label) the picture on page 376. **USE THE HARD COPY TEXT BOOK IN THE BACK OF MR.B’S ROOM**. After drawing this picture, you should be able to explain Lamarck’s theory of Use and Disuse.