Name: _____ Partner's Name: _____

Evolution Research Project

2.3.1: Research a question and generate a conclusion by evaluating scientific literature (including both written text and visual displays).
2.3.4: Communicate and defend scientific data and/or claims both in oral and written form (e.g. short written work, presentation, lab report, and/or research paper, etc.) including appropriately formatted bibliography.

The goal of this assignment is to learn how to research a question through evaluating credible sources as well as to communicate those findings through a written report with proper citations (2.3.1 and 2.3.4). You will be working with an assigned partner to search for and answer a question. You will be _developing_ your own question to investigate. You will be required to use a minimum of 3 credible sources to support your answer(s) to your question(s). These sources will need to be properly cited on your works cited page/slide.

Topics to Choose From: Antibiotic resistance, relevance of evolution, Pangaea, cancer, epigenetics, others that are approved by your teacher.

Requirements:
1. Your question cannot be a yes or no question.
2. You must have a minimum of five slides.
3. You must include images/pictures to supplement the information you present (see descriptions below)
4. You must include a works cited with at least three credible sources.

- Question: _____

- Resource 1:
    - Notes:

    - Citation:

- Resource 2:
    - Notes:

- ○ Citation:

- Resource 3:

   - ○ Notes:

   - ○ Citation:

Now that you've gathered some notes on your topic, its time to communicate those notes in an easy to follow manner. This can be done in any number of ways - you could make a poster, comic, presentation, or write a newspaper story detailing your findings. Its up to you! You could even come up with another way if you get your teacher's permission! Below, you will find some key features of the various methods of communicating your results.

__Posters__ - Large and easy to follow graphical/picture representations of your information. Posters should be more pictures than words. Words should only be used to explain the graphical information. Balance, neatness, and flow are also important to consider.

__Comics__ - Much of what can be said of posters is true of comics, with one added detail - they ought to be funny and flow becomes an even more important factor. While fun to make, it can be difficult to naturally fit all of the information you're trying to convey into a story.

__Presentations__ - These are the sorts of things you see at TED conferences, business meetings, and you'll likely see throughout college. Software is often used to add visuals to this primarily verbal method of conveying information. As with the other forms above - one should avoid large blocks of text and rely primarily on graphics. Recommended software: Prezi, PowerPoint, OpenOffice Impress.

__Newspaper Clip__ – Create your own newspaper clipping including your question and answer along with your sources. One of the most important keys for newspaper writing is to develop a good lead. The job of the lead is to summarize the story, incorporating as many of the: who, what, when, where, how, and whys that are possible. Newspaper writing also needs to be clear and not have a lot of extra words or information that is not necessary. The language needs to be simple, with short paragraphs and sentences.