Evaluation	Navigation	Design	Form / Content	Scientific Accuracy	Research Notebook
EXCELLENT - 5	All pages linked. Linked graphics do not have borders. Links are clear and located in the same area on each page. All links are functional. If links are not in the same area, student has rationale for changes. All required links are present: (at least: 1 email link, 1 "same page" link, all pages linked, 2 links to external sites).	Website clearly demonstrates design principles with consistent alignment, proximity, repetition, and contrast. Text is easy to read on a background that is not distracting. Design is appropriate for target audience and level of anticipated computer knowledge.	Information on site is presented clearly, consistently, and logically. No grammatical or spelling errors. Content is easily read and appropriate for website.	All scientific facts presented in the website are accurate and can be confirmed by at least three credible sources. All references have been properly cited.	All notes are clearly written in lab notebook. All sources are accurately recorded. Information can be easily accessed from notebook. Notes demonstrate extensive research on the assigned topic and has varied information.
SUPERIOR - 4	All pages linked. Links are clear and located in the same area on each page. All links are functional. If links are not in the same area, student has rationale for changes. All links required links are present as above)	Missing no more than 1 design element on no more than 1 page. Text is easy to read with appropriate font and background color. Design appropriate for target audience and level of anticipated computer knowledge.	No more than 3 spelling OR grammatical errors present on site. Information is clear, consistent, and logical.	Most scientific facts presented in the website are accurate with minor inaccuracies and can be confirmed by at least three credible sources. All references have been properly cited.	All notes are clearly written in lab notebook. Most sources are accurately recorded. Information can be easily accessed from notebook. Notes demonstrate extensive research on topic.
GOOD - 3	Links are either graphic or text; one link does not function properly OR site is missing one required link. Links are consistent on each page	Demonstrates 2 out of the 4 design principles. Design is appropriate for target audience and level of anticipated computer knowledge.	4 or more spelling OR grammatical errors. Content is clear, consistent, and logical.	The majority of the scientific facts presented in the website are accurate and can be confirmed by at least two credible sources. Most references have been properly cited.	Most notes are clearly written in lab notebook. The majority of sources are accurately recorded. Information can be easily accessed from notebook.
FAIR - 2	ONE of the following is evident: a. missing 1-2 required links b. 2 or more links are broken c. links not consistent across all pages	Site demonstrates only 1 design principle OR is not appropriate for target audience / anticipated level of computer knowledge.	Content of no more than 1 page does not fulfill purpose of site, or is not presented clearly and consistently.	Less than half of the scientific facts presented in the website are accurate and can be confirmed by at least one credible source. References are not properly cited.	Some notes are clearly written in the lab notebook. Some sources are accurately recorded. The format of notes is inconsistent and confusing.
POOR - 1	No navigation strategy present; links inconsistent. Missing more than 2 required links OR at least 2 broken links.	Site does not demonstrate any design principles. No target audience or level of computer knowledge identified.	Content of site is confusing. Purpose of site is not clear.	The website is filled with mostly inaccurate information with no credible sources to support it. References are not properly cited.	Inadequate amount of notes are written the lab notebook. No sources are accurately recorded. Information is confusing and difficult to access due to lack of formatting.
TOTAL POINTS					

Rubric for Biology Evolution Evidence Website

Some Guiding Questions:

- What does a typical scientist in that field do? (molecular biologist, paleontologist, etc…)
- What background knowledge does your scientist need to have? If you're a molecular biologist, you need to know DNA and its role in living things very well. If you're a paleontologist, you need to know how fossils formed and the different techniques they use to study.
- How does biological evolution occur?
- What are the current pieces of evidence related to the theory of evolution that most scientists agree on?
- What data exists to support the ideas of a scientist in your assigned field?
- How would a scientist in your field perform experiments to test the idea of evolution?
- What peer-reviewed scientific papers have been published by scientists in your assigned field?
- How would a scientist in your field answer critics

For ideas on how to design your web page, visit the following websites:

http://www.nationalgeographic.com

http://www.pbs.org

http://www.howstuffworks.com/

http://www.popsci.com/

Other Website Tips:

- Include a variety of media –videos, pictures, slideshows
- If appropriate, have a comment box where people can have discussions
- Avoid overloading a webpage with too much content. Create links to other pages if you need to
- Be consistent in your text font, font size, and color. Use the colors, sizes, and fonts of the text to emphasize certain types of information.
- Be creative! Remember you want your website to be attractive, organized, and easy to understand. Have other people look at it and ask for their opinion. Revise as needed.