WPHS Science Research Program
Science Research Virtual Portfolio

SWBAT: Prepare a Virtual Portfolio to display all your Science Research Work from the 2021-22 School year.

Due Date: January 2022 & June 2022 (official due date is day of midterm/final). Graded with attached rubric, counted as "Midterm" (Jan) or "Final" (June).

Guidelines for virtual portfolio:
1) *Must be on time (-5 points for each day late until 85)*
2) *Must be accessible via the internet (no paper). MOST FORMATS ACCEPTABLE. Suggestions: Use Google Drive, OneDrive or create your own website*
3) *Must be accessible via a link (anyone with link should have access)*
4) *Must have a record of all your Science Research Work from the 2021-22 school year (juniors & seniors must also have 2020-21 school year information). You can include your summer work as well.*
5) *Names of the files must be appropriate to be understood what it is without having to open the file*
6) *Student name & grade level must be evident on work, so it is clear whose portfolio is being viewed*
7) *Must have the following folders or pages (order not important):*

1. **BI-WEEKLY ASSESSMENT SHEETS: You should have six(6) by January 2022, and twelve(12) by June 2022. Many of you have paper versions only- you may take a photo and upload them to make them digital. (Mrs. Fleming will be lenient with the grading of this section)**
2. **HOURS (formerly known as "Journal"): You can upload photos of your hours (if handwritten) or digital file(s)**
3. **JOURNAL ARTICLES & REFERENCE LIST: Upload all PDF files of Journal articles you read/found this year. Name of the PDF files should match the title of the articles. Also include a separate file of your reference list that should match the Journal articles. Alphabetize by authors' last names and be consistent with formatting. Juniors & Seniors should include last year's work for this section.**
4. **MENTOR COMMUNICATION & INFORMATION: Include your Excel mentor list OR information about your mentor (detailed) with links to bio-page(s). Also include a record of communication with your potential mentors or emails that were exchanged. You can upload photos of sent emails or files with drafts of emails. Students with mentors should include this year's communication with mentor (summer work can be included).**
5. **PRESENTATIONS: Upload your PowerPoint and/or video presentations that you created this year. You should have at least two(2) in January, and four(4) in June.**

6. PRESENTATION FEEDBACK: Upload a record of presentation feedback. You should have both a record of feedback you received as well as feedback you provided to others.
7. CLASSWORK: Copies of completed classwork and other Science Research assignments that are not specific to your research topic.
8. RESEARCH PAPERWORK: Copies of your research plan, abstract, and paper. Include revisions (multiple versions), if necessary. For January deadline: Sophomores are excused from having any work in this section, but section/folder must be included (empty).
9. COMPETITIONS & APPLICATIONS: Please create a detailed list of the competitions you either attended, or PLAN on attending during the 2021-22 school year. Seniors (and some Juniors) should also include copies of application paperwork such as Regeneron STS material, WESEF forms and JSHS paperwork. Sophomores and juniors should list the name of the competition and the date and location of the fair.
10. ADDITIONAL RESEARCH MATERIALS: Here you can upload extra credit work, General interest articles, or other material that doesn't fit in the other nine categories. If there is nothing that applies, this section/folder may be empty but must be included.

Please view these links for examples of how you might want to structure your virtual Portfolio:

Google Drive: https://drive.google.com/drive/folders/1dbUiNuDNOTWnhLWJ89-frJXZmWGoaHPh?usp=sharing

Weebly: http://flemingscienceresearch.weebly.com/

Science Research Virtual Portfolio Grading Rubric   **FINAL GRADE: _____**

Category	10	8	6	4
Organization & Accessibility	*All of the following are present:* *1) Link to portfolio does not require logging in* *2) Names of files are appropriate & understandable* *3) Name of student & grade level is apparent*	*Missing 1*	*Missing 2*	*Missing all 3*
Bi-Weekly Assessment Sheets			*Appropriate # of bi-weekly assessment sheets are provided 6 (Jan) or 12 (June)*	*Missing*
Hours			*Student has accounted for all hours since beginning of school year*	*Missing*
Journal Articles		*All of the following are present:* *1) The articles are .pdf files and not links* *2) The articles are appropriate research articles and not review or general interest articles*	*Missing 1*	*Missing both*
Reference List	*All of the following are present:* *1) The reference list is in alphabetical order by author's last name* *2) The reference list is in a consistent format* *3) The reference list corresponds to the articles included in the folder*	*Missing 1*	*Missing 2*	*Missing all 3*
Mentor Communication & Information	*All of the following are present:* *1) Student shows evidence of being in communication with mentor or potential mentors* *2) Appropriate dates are included on mentor list and on sent emails* *3) Information about the mentor and/or links to bio-page are included*	*Missing 1*	*Missing 2*	*Missing all 3*
Presentations		*All of the following are present:*	*Missing 1*	*Missing both*

		1) Student has included all presentations presented this year 2) The presentations represent the work the student completed (revisions are included)		
Presentation Feedback	*All of the following are present:* 1) Feedback is provided for other students 2) Student has received feedback from others 3) Dates, times, and names of presenters/observers are included	*Missing 1*	*Missing 2*	*Missing all 3*
Classwork		*All of the following are present:* 1) Student has included copies of classwork assignments 2) The classwork assignments included represent the work that was assigned in class	*Missing 1*	*Missing both*
Research Paperwork		*All of the following are present (or N/A):* 1) Student has included copies of research plan, abstract, and paper 2) The paperwork included represent the work the student completed (revisions are included)	*Missing 1*	*Missing both*
Competitions & Applications	*All of the following are present:* 1) Student has included a list of competitions attended or planning on attending 2) Dates and the name of the competition is included 3) Appropriate application information is included (or N/A)	*Missing 1*	*Missing 2*	*Missing all 3*
Additional Research Materials			*Student has included appropriate additional Science Research paperwork or N/A*	*Missing*