



What?! IRW Students Doing STEM Research?

Step by Step

1. Introduce the research topic
2. Provide lab sheets with specific requirements
3. Students find research, annotate the articles, write short summaries on the articles, and create the reference page entry for each source.
4. Students complete an outline, using provided template.
5. Students develop the outline into a rough draft.
6. Students spend more time with the engineering expert, asking questions that would help them develop their projects.
7. Students complete a second draft and use feedback to write the final project.
8. Based on evaluation of the project, the instructor will then provide extra instruction on the areas where the students are still weak in their reading/writing skills.
9. Projects are shared with the engineering expert and the expert comes and shares reflective thoughts on the submissions with the students.

Note: For our pilot, two of our projects were: 1) Choosing the best renewable energy for the student's dream house, and 2) the feasibility of Virtual Reality