

WATCH YOUR SCIENCE EXIT PROJECT “GROW”

Student Exit Project Rubric

Your Name _____

Class _____

To see how you are doing, use this sheet as a guide. It is similar to the sheet your teacher will use when evaluating your work and calculating your grade.

How to Use This Guide: When you do one of the things listed, place a **check mark** in the box next to it, but only if you feel you’ve completed that task to the best of your ability.

Then, give yourself a “**G**,” “**R**,” “**O**,” or “**W**” based on the key at the end of each section.

You will be working on four sections.

SECTION 1: Science Understanding *(as shown in the written report and the oral presentation)*

- I used topics and ideas that we discussed in class or on field trips to come up with a question that I could investigate.
- I explained my observations and my results by using science terms and science ideas.
- I used more than one way of explaining my ideas, like words, pictures, diagrams, charts, or graphs.
- I was able to make connections between what I learned from the project and other areas of science.

How did I do in Section 1?

If you have all four boxes checked off, you did **G**reat.

If you have three boxes checked off, you did **R**eally well, but try to check off the remaining box.

If you have two boxes checked off, you’re **O**n your way, keep up the good work!

If you only have one box checked off, **keep Working!**

Write a “**G**,” an “**R**,” an “**O**,” OR a “**W**” based upon your results for this section here: _____

SECTION 2: Scientific Process (as shown in the written report and the oral presentation)

- I identified a problem, and I asked a question that I could investigate (instead of a “yes or no” question).
- I did some background research.
- Using the background research, and before I actually did the project, I made a hypothesis that I could test. I did not already know for sure what the answer to my hypothesis would be. I also knew that my hypothesis did not have to be correct, because in science we can learn when we get results we expect or when we get results we do not expect.
- I designed a way to collect data to test my hypothesis.
- I conducted my research carefully and with scientific accuracy.
- I collected, recorded, and organized data from my work.
- I made graphs, charts, tables, or artwork that explained my data.
- I made a conclusion that says whether my hypothesis was correct or incorrect (either one is ok), according to my data; it explains my observations and why things came out the way they did.
- I explained what I would do differently next time, and I discussed any possible sources of error in my project.
- I looked back at my work and explained what I might have changed to make the project even better.

"If I were to do the project all over again, here is what I'd do differently this time....."

How did I do in Section 2?

If you have all ten boxes checked off, you did **G**reat.

If you have nine boxes checked off, you did **R**eally well, but try to check off the remaining box.

If you have eight boxes checked off, you're **O**n your way, keep up the good work!

If you only have less than eight boxes checked off, **keep Working!**

Write a “**G**,” an “**R**,” an “**O**,” **OR** a “**W**” based upon your results for this section here: _____

SECTION 3: The Written Report

- I used at least three different sources to collect my background research information, which I have written down in my bibliography.

- The report is written in a manner that makes sense. I made sure my report has:
 - ✓ An abstract.
 - ✓ An introduction that includes the purpose and the reason I chose this topic.
 - ✓ A section on methods and materials.
 - ✓ My actual data and an analysis of it.
 - ✓ A conclusion that refers back to my hypothesis with a discussion of the results and further questions I would like to investigate.
 - ✓ A reflection on the quality of my entire project.
 - ✓ A glossary of terms.
 - ✓ A bibliography.

- I compared concepts and showed the reader that I understood MORE THAN just what I researched about. I compared it to other things not in my research (*i.e. “this is similar to the idea of that”*).

- I supported my ideas with examples, definitions, and references back to other sources of information.

- I included footnotes for anything that I did not learn by myself. If I didn't learn it from doing this project, I showed where I got the information.

- I used graphics, charts, or artwork to enhance my report.

- I checked for grammar, spelling, punctuation, and sentence structure. I did not include any slang or computer abbreviations in my report.

- I used a typewriter or a computer to print my report. It is **NOT** handwritten.

How did I do in Section 3?

If you have all eight boxes checked off, you did **G**reat.

If you have seven boxes checked off, you did **R**eally well, but try to check off the remaining box.

If you have six boxes checked off, you're **O**n your way, keep up the good work!

If you only have less than six boxes checked off, **keep W**orking!

Write a “**G**,” an “**R**,” an “**O**,” **OR** a “**W**” based upon your results for this section here: _____

SECTION 4: The Oral Presentation

- I organized my presentation in a way that people can understand. I know that not everyone listening to the presentation is as much an expert on my topic as I have become.
- I used notes, index cards, or PowerPoint to make sure I followed my presentation in the correct manner and that I am giving accurate data. I did **NOT** read directly from my report, and I made eye contact with the audience.
- I gave examples and definitions, and I made direct references with quotes to support my ideas.
- I was able to answer questions about my topic; I am the expert!
- My audience was able to understand my concept.
- I used proper grammar and sentence structure. I did not use any slang. I spoke slowly, loudly, and clearly, so that I could be understood.
- I used some visual display such as: PowerPoint, trifold board, movie, or other multimedia to make my presentation more interesting.

How did I do in Section 4?

If you have all seven boxes checked off, you did **G**reat.

If you have six boxes checked off, you did **R**eally well, but try to check off the remaining box.

If you have five boxes checked off, you're **O**n your way, keep up the good work!

If you only have less than five boxes checked off, keep **W**orking!

Write a "**G**," an "**R**," an "**O**," OR a "**W**" based upon your results for this section here: _____

So, how did my project GROW?

If you have four G's, you did great on your project: give yourself a **BIG "G"** in the box below.

If you have three G's, you did really well on your project: give yourself a **BIG "R"** in the box below.

If you have two G's on your project, give yourself an **"O."** You're on your way.

If you have one G on your project, give yourself a **"W,"** and keep working.

As of _____ / _____ / _____, my project is rated a because:

WHEN YOU ARE FINALLY DONE,
CONGRATULATE YOURSELF ON
COMPLETING YOUR ADVANCED
SCIENTIFIC RESEARCH PROJECT
AND PRESENTATION !!!