



SOURCE: SCIENTIFIC POSTER CHECKLIST

TITLE

- Project Title – Should describe WHAT you studied + WHERE you studied it
- Student Names
- School Name
- Date

BACKGROUND INFORMATION (tell people what they need to know about WHAT you studied + WHERE you studied it)

- Define your parameter (include interesting facts)
- Where is your parameter found? What products is it in?
- How does it affect aquatic life?
- Human health affects, if any?
- Talk about Macro-invertebrates + water quality if you chose to study them

MAP/SITE PICTURES

- Include map of site (ex. School campus)
- Mark approximate sampling locations if possible

PREDICTION/HYPOTHESIS

- Clearly state your prediction statement so that is easily understood by your audience

VARIABLES SLIDE

- Label and explain responding variable
- Label and explain manipulating variable
- Label and explain any controlled variables

MATERIALS + PROCEDURES

- What materials did you use to collect water? Or macro-invertebrates?
- What equipment did you use to analyze your water samples for your parameter?
- Talk about how you did your water collection
- Talk about how you analyzed your water or macroinvertebrate samples
- Be thorough enough that the audience can repeat your experiment



DATA TABLE/GRAPH

- Clearly title and label all parts of your tables and graphs
- Include units on all measurements (ex. ppm, mL, etc)

DATA ANALYSIS/CONCLUSION

- Explain what the data is telling you (our findings tell us that.....)
- Do you agree, disagree, or are you left undecided about your prediction/hypothesis?
Explain WHY and use data to explain your case.

ACTION

- Tell us what we can do to keep our watersheds healthy!
- Include ideas for ways to help minimize your storm water pollutant parameter
- Other ideas that you have about protecting your local environment after doing your study