



Western Manitoba Science Fair

## STEM Project Logbook

It is very important that you keep a logbook as you work on your STEM project. Your logbook is a complete record of every step of your project. It should be detailed enough that anyone who reads your logbook in the future would be able to repeat your experiment exactly. It should contain everything; from your brainstorming ideas, to your hypothesis, to your final results. Your STEM project display board is essentially a summarized version of the raw data in your logbook.

Here are some tips for your logbook:

- Use a simple notebook or binder
- Write your name and contact info in the logbook in case you misplace it
- Start your logbook at the very beginning of your project and record everything you do, as you do it; do not create your logbook after your project is finished
- Be sure to date each entry
- Don't worry about being too neat, and don't re-copy your logbook to tidy it up
- Record your brainstorming, methods, steps of your project, observations, etc; write everything down even if it feels insignificant at the time
- Record where you did your research and what resources you used
- Record in note form rather than full sentences, but be detailed
- Don't remove any pages and do not use whiteout. If you want something to be ignored simply cross it out.
- If including any loose pages be sure to fasten them in securely

If you're looking for more logbook tips, here is an excellent [video](#) created by The Calgary Youth Science Fair on how to create a logbook.