

NOW...WHERE DO I GO TO GET
THE INFORMATION?

A decorative horizontal bar at the top of the slide, consisting of an orange rectangular section on the left and a blue rectangular section on the right.

Using a Variety of Sources

Your Assignment

- FOUR sources
 - ▣ Books
 - ▣ Scientific Journal
 - Journal of the American Chemical Society
 - Journal of Atmospheric Sciences
 - Reports on Progress in Physics
 - ▣ The internet (encyclopedias, articles etc.)

- One *MUST* be a book or periodical (scientific journal/newspaper/magazine)

Where to look?

- Library! (go figure!)
 - ▣ [Search on a library catalog](#)
 - ▣ Ask a librarian
- Google or another search engine
 - ▣ Use your search questions or key terms
 - ▣ Be specific!
 - ▣ Sifting takes time, but is worth it
 - Sometimes, use the source's sources! [They can be even better than the source itself!](#)
 - ▣ Check each source! Look for .gov, .org, or .edu.
 - If you think you've found a good source that is a .com, [look deeper into the source](#) (author, sponsor etc.)



Where to look?

- Databases
 - ▣ Collections of scholarly articles/scientific journals that are compiled and searchable
 - ▣ USUALLY available online from the comfort of your home 😊
 - ▣ Usually require library card number

 - ▣ TO FIND IT:
 1. Go to your local library's website
 2. Look for a link to "Research" or "Articles"...something like that
 3. Click!
 - Can usually narrow for middle school or teens
 - Often listed by resource/subject

How do I know if a source is worth using?

Evaluating Sources

1. Who published it?

- ▣ Colleges, research groups, government agencies, scholarly journals, WELL ESTABLISHED newspapers, magazines, reports etc.
- ▣ NOT personal websites, blogs, forums, public editing sites (Wikipedia)
- ▣ Look for **.gov .edu** or **.org** sites—these are MUCH preferred to **.com**



Evaluating Sources

2. **Who wrote it?**

- ▣ Look up the author. Are they an expert in this field? Why should you listen to them?

3. **Who was it written for? (Consider the audience!)**

- ▣ Is this just to teach the public a general overview? (Like Wikipedia) or is written to give enough facts to make you an expert?
- ▣ Which do you think you should be using most often?

4. **When was it written? Is it out of date?**

- ▣ ESPECIALLY when it comes to science, look for the most current information you can!