

Go through the research process explicitly and explain it all

- Topic Analysis
 - What is a literature search?
 - Show reference resources both on Physics page (Van Nostrands)
 - and the general reference page
 - Gale encyclopedia search for title- “Hall Effect” (successful) and title - “drift velocity” (unsuccessful) and keyword “drift velocity” – (successful)
- Newspapers and Magazines and Scholarly Journals
 - What they are and how they are different
 - the issue of expected vocabulary and article structure/format
- Show article searching and cover each database specifically - strengths and weaknesses
- The only formal index with subject access
 - Academic Search Complete – the only actual index with subject access
 - Refer to the search histories sheet for search terms for demonstration
 - Database structured searching (records, fields)
 - Explain *and*, *or*, *not* and *truncation*
 - Intellectual property and access
 - Article linker
- Publisher access – big and little
 - Elsevier Science Direct
 - Physical Review Online archive
 - Online index to the American journal of physics
 - “Periodical title search”
- Mining the free web
 - Scitation
 - Scitopia
 - Google scholar
- Clarkson resources
- How off-campus access works
- Citation styles & help

Address student questions