

3.093 Group 2 Card Sorting exercise

Not included - Inverted pyramid concept – broad to narrow when doing research

Primary and Secondary Sources (rank 7)

- Difference between scholarly journals and popular magazines
- What is a primary source
- Secondary Sources - what are they good for
- Secondary Sources – what are they and some examples

Publication Cycle (rank 8)

- Publication cycle
- Publication cycle w/ scientific research
- Invisible college
- Scientific communication - how it began
- Scientific communication – what is it
- Structure of scientific communication

Libraries @ MIT (rank 6)

- Locations of Libraries at MIT
- What subjects each library at MIT covers
- How to get help with library research
- Subject librarians

Types of Publications (rank 5)

- peer review
- Scientific Paper
- Patents
- Conference papers
- Standards
- Technical reports
- Preprints
- What is a review article

MIT Libraries online (rank 2)

- MIT Libraries home page
- What is Barton
- What is Vera
- Using Barton
- Using Vera

Database Search Tips (rank 1)

- Searching by subject terms
- Boolean operators - And, Or, not
- Truncation
- Use Thesaurus to search
- Browse for terms, authors to get correct spellings and variations

- limit to review articles
- Identifying keywords for your topic
- Searching by different fields if you know that information (author, title, journal)
- Limiting by publication type, year, etc
- Checking more than one source to corroborate information
- Alerting services – what they are, what they do
- Evaluating information
- What is an abstract
- What is an index
- What is a database

Citing Information (rank 3)

- RefWorks or other bibliographic management software
- Parts of a citation
- How to get help citing properly
- Why it's important to cite properly
- plagiarism or fraud in research/publication

Specific Databases (rank 4)

- Web of Science
- Web of Science – what makes this database different
- Compendex/Inspec
- SciFinder Scholar
- SFX and what it does
- Chem Abs registry number

Google (rank 9)

- Differences between article databases and Google
- Google
- Google Scholar