STS 3730 – Science, Technology, and Modern Warfare

Library Research
https://researchguides.library.yorku.ca/sts3730

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At the end of today’s session, you will be able to:

• Find credible sources on your topic, both scholarly and popular, in print and online
• Cite your sources using Chicago style
How would you research this?

Did the benefits of the Apollo program outweigh the costs?

- Google
- Books
- Library Databases
Getting Started

- Google (Open Web)
Authority is constructed and contextual

- Authority is influence
- Authority can come from subject expertise, societal position, or special experience
- Authority should be considered with a mix of openness and skepticism
Ask yourself:

- **Who** produced this information?
- **When** was the item produced?
- What kind of **content** is it?
- Has the author included their **sources**?
Getting Started

- Google (Open Web)
- Encyclopedias
Popular Sources

- Written by experts OR professional writers/journalists OR regular people
- Aimed at the general public
Books

- Library Catalogue
- Google Books
Journal Articles

- Written by experts, for experts
- Peer-reviewed
<table>
<thead>
<tr>
<th>Popular</th>
<th>Scholarly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written by journalists or experts for the general public</td>
<td>Written by experts for other experts</td>
</tr>
<tr>
<td>Use common language</td>
<td>Use jargon/technical language</td>
</tr>
<tr>
<td>Usually no citations</td>
<td>Usually fully cited</td>
</tr>
<tr>
<td>Visually attractive</td>
<td>Visually boring</td>
</tr>
<tr>
<td>Not peer-reviewed</td>
<td>Usually peer-reviewed</td>
</tr>
<tr>
<td>Examples: magazines, newspapers, books</td>
<td>Examples: journal articles, books</td>
</tr>
</tbody>
</table>
Choose keywords carefully
Describe Your Topic:

Did the benefits of the Apollo program outweigh the costs?

Identify Main Concepts:

<table>
<thead>
<tr>
<th>Concept 1</th>
<th>Concept 2</th>
<th>Concept 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apollo program</td>
<td>benefits</td>
<td>costs</td>
</tr>
</tbody>
</table>

Find Synonyms:

**AND**

<table>
<thead>
<tr>
<th>Subject terms for 1</th>
<th>Subject terms for 2</th>
<th>Subject terms for 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apollo mission OR main landing OR main shot</td>
<td>impacts OR results OR technology</td>
<td>budget OR accident OR</td>
</tr>
</tbody>
</table>

Refine Results: Article, Language, Other keywords.
Save articles in Refworks
- Combine concepts using **AND**

![Venn diagram showing Apollo AND mission]

- Broaden your search/find alt. spellings & synonyms using **OR**

![Venn diagram showing mission OR landing]

- Omit concepts using **NOT**

![Venn diagram showing Apollo NOT god]
• Find alt. spellings and pluralizations using **wildcards** *

```
mission*
col*r
```

• Find exact phrases using **“phrase searching”**

```
“Apollo program”
```
(“Apollo program” OR “Apollo mission”) AND
(benefit* OR impact* OR result* OR technolog* OR budget* OR accident*)
Citation Chaining

- Works Cited/References
  - Go backwards in time
- Cited By
  - Go forwards in time
Why cite sources?

• Give credit for the ideas of others
• Allow our readers to investigate the validity of the facts on which we are basing our arguments
• Help our readers to find further information on our topic
Chicago Style

• Two systems within Chicago Style:
  - Notes and Bibliography
  - Author-Date References
Books

• End note:


• Short form:


• Bibliography

Journal Articles

- End note:


- Short form:


- Bibliography

Online sources

• End note:


• Bibliography