WHAT DOES THE LIBRARY DO?

- Collect resources,
- point you to the most appropriate ones
- help you search
- help you reference.
SEARCHING IS A BIT LIKE DOING CROSSWORDS...
ANYONE CAN DO IT, HOWEVER … A GOOD SEARCHER WILL DO IT FASTER
THERE ARE ALSO PRACTICES THAT WILL MAKE YOU MORE EFFICIENT BEFORE DURING AND AFTER SEARCHING...
THAT’S WHAT WE’RE GOING TO TALK ABOUT TODAY
MEET THE RESEARCH CYCLE...

1. Background reading and preparation
2. Scope your topic
3. Identify search tools
4. Search
5. Evaluate & Revise
6. Collate & Track results
There are many ways to prepare yourself for research – there is no right or wrong. However, all involve a little reading and a little thinking.
2. SCOPE YOUR TOPIC
(aka getting to know the information landscape)
Some folks will just think it out on paper...

**Questions**

‘what happens when older people forget?’
‘in what ways can digital technology assist older people in these moments?’

**Research project will focus on**

‘design solutions for individuals with age related cognitive decline’

**My approach**

1.] Find literature on the mechanical process of memory retention and loss in older people
2.] Find literature on the various manifestations of memory loss – natural, senility, dementia, alzheimer’s etc.
3.] Find existing literature on designs that assist older people with memory loss.
SOME WILL MIND MAP FREEHAND..
SOME WILL USE SOFTWARE TO MIND MAP

(THESE EXAMPLE HAS A BEFORE AND AFTER WIKIPEDIA MIND MAP)
DO WHATEVER FEELS RIGHT TO YOU, BUT REMEMBER..

The point of background reading and preparation is to develop the best search terms you can find to answer your question.
3. IDENTIFY SEARCH TOOLS
Where to start?
One way to figure it out is to try the same search across platforms...

Other databases useful for this subject would be, in rough order. Bear in mind that Google Scholar will find 90+% of the articles contained in these databases, plus things lodged in institutional repositories.

- Scopus (8 hits for “mass timber”, 197 for “cross laminated timber”)
- ScienceDirect (11 hits for “mass timber”, 54 for “cross laminated timber”)
- Wiley Online Library (9 hits for “mass timber”, 36 for “cross laminated timber”)
- Proquest (15 scholarly hits for “mass timber” and another 25 for trade journals, 112 scholarly publications for “cross laminated timber”)
- Springerlink (1 hit for mass timber, 74 for “cross laminated timber”)
- Taylor and Francis? (a couple of meaningful hits among 20 or so results of mass timber, 16 for “Cross laminated timber”)
- Web of Science (0 for mass timber 74 for “cross laminated timber”)
- IJN (1 for mass timber and 25 for “cross laminated timber”)
- ASCE (2 meaningful results for mass timber and 29 for “cross laminated timber”)
SOME FOLKS WILL RECORD ALL THIS IN A SPREADSHEET
(AGAIN THERE IS NO ONE METHOD – DO WHAT WORKS FOR YOU)
4. SEARCH!
THERE ARE MANY WAYS TO SEARCH

- You can search big
- You can search small
- The main thing is to search -

MORE THAN ONCE IN MORE THAN ONE PLACE
A SMALL SEARCH is very specific and returns low hits...

Google Scholar

"construction crews" productivity "developing country" longitudinal

Articles

7 results (0.06 sec)
A BIG SEARCH is very broad and returns lots of hits…

(Survey OR diagnostic OR psychometric) instrument (Teamwork OR "team le

Inside management teams: Developing a teamwork survey instrument
Abstract This article reports the development of a measure of teamwork for use with management teams. A five-stage process was followed. First, a model of teamwork including team processes was generated through empirical research involving the elicitation of 600
t-Star Cited by 46 Related articles All 3 versions Import into EndNote

Measuring teamwork in health care settings: a review of survey instruments
MA Valentine, IM Nemhird, AC Edmondson - Medical care, 2015 - journals.lww.com
Background: Teamwork in health care settings is widely recognized as an important factor in providin
t-Star Cited by 175 Related articles All 8 versions Import into EndNote

... hospitals correlates with reported levels of communication and collaboration on surgical teams but not with the measures of teamwork climate, safety climate, or ...
DL Davenport, WG Henderson, CL Mosca... - Journal of the ..., 2007 - journalacs.org
... The safety attitudes questionnaire psychometric properties, benchmarking data, and emerging research... It is a survey instrument designed to measure perceptions of teamwork, job satisfaction... at more than 500 institutions, and the OCSF scale measures have demonstrated ...
-Star Cited by 237 Related articles All 6 versions Import into EndNote

Simulation based teamwork training for emergency department staff: does it improve clinical team performance when added to an existing didactic teamwork ...
MJ Shapiro, JC Morey, SD Small... - BMJ Quality & ..., 2004 - qualitysafety.bmj.com
... Outcome measures. The performance measurement instrument was the Team Dimensions Rating Form consisting of five seven-point behaviorally anchored rating... 2 Participants completed a survey regarding features of the simulation experience, what impact it would have on ...
-Star Cited by 426 Related articles All 11 versions Import into EndNote
Some databases incorporate elements of a big and small search at the same time...

fashions among Viennese Jewish men during the early twentieth century
AND SOME DATABASES LET YOU REFINING FROM BIG TO SMALL
If your search is multidisciplinary, some databases will help with that too...

- **Art & Architecture Complete**
  - Art & Architecture Complete provides full-text coverage of 360 periodicals and more than 220 books. In addition, this database offers cover-to-cover indexing and abstracting. Art & Architecture Complete also provides selective coverage for 70 additional publications and an Image Collection of over 63,000 images provided by Picture Desk and others.
  - Title List  More Information

- **Art Full Text (H.W. Wilson)**
  - Art Full Text™ is a comprehensive resource for art information featuring full-text articles from more than 300 periodicals dating back to 1995, high-quality indexing and abstracting of over 13,000 art dissertations. Indexing of almost 200,000 art reproductions provides examples of styles and art movements, including works of architecture, and also includes a database-specific thesaurus.
  - Title List  More Information

- **Audiobook Collection (EBSCOhost)**
  - Search audiobooks, listen to samples, and download your selection.
  - More Information

- **Australia/New Zealand Reference Centre**
  - The Australia/NZ Reference Centre combines Australasian magazines, newspapers, newswires and reference books to create the largest collection of regional full text periodicals in full text; full text reference books; over 80,000 full text biographies and an Image Collection of over 510,000 photos, maps and flags.
  - Title List  More Information
ANYWAY, IT’S TIME TO PLAY...
5. EVALUATE AND REVISE
Evaluation is just like searching – it can be done in different ways.

**Topic:** Identifying a survey/psychometric instrument which assesses will assess teamwork.

This instrument will then be used to survey site crews on construction projects, with a view to establishing how productivity changes over time with work crews as they build a high rise building.

This research **will be carried out** in Australia and India and the results compared.

**Factors influencing craftsmen's productivity in Indonesia**

*Kaming 1997*


Cites - 152

**Notes** – Has many features you are looking for – construction, productivity, longitudinal, crew, developing country... the major drawback is its age.

**A survey of constraints on Iranian construction operatives' productivity**

*Zakeri 2010*

[https://www.tandfonline.com/doi/abs/10.1080/014461196373287](https://www.tandfonline.com/doi/abs/10.1080/014461196373287)

Cites - 115

**Notes** – Has many of the features you need in your research, apart from the data collection from site employees.

**Construction Productivity Improvement: A Study of Human, Management and External Issues**

*Liberda 2003*


Cites - 72

**Notes** – Does talk about productivity in construction at the site level. Not specifically about your topic but interesting enough to include

**Factors affecting the productivity of building craftsmen - studies of Uganda**

*Alinaitwe 2010*


Cites - 155

**Notes** – Has many things that are interesting. Developing country focus. **Longitudinal** Productivity and construction. Survey instruments used. Questions again directed at managers however.
Others will go into greater depth...

Sample annotation

The citation goes first and is followed by the annotation. Make sure that you follow your faculty’s preferred citation style. The summary needs to be concise (please note the following example is entirely fictitious).

In the sample annotation below, each element is numbered (see Key).


(2) In this article Trevor et al. review the influences of pay and job opportunities in respect to job performance, turnover rates and employee motivation. The authors use data gained through organisational surveys of blue-chip companies in Vancouver, Canada to try and identify the main causes of employee turnover and whether it is linked to salary growth. Their research focuses on assessing a range of pay structures such as pay for performance and organisational reward schemes. The article is useful to my research topic, as Trevor et al. suggest that there are numerous reasons for employee turnover and variances in employee motivation and performance. The main limitation of the article is that the survey sample was restricted to mid-level management. Thus the authors indicate that further, more extensive research needs to be undertaken to develop a more in-depth understanding of employee turnover and job performance. This article will not form the basis of my research, however it will be useful supplementary information for my research on pay structures.

Key

(1) Citation
(2) Introduction
(3) Aims & Research methods
(4) Scope
(5) Usefulness (to your research/to a particular topic)
(6) Limitations
(7) Conclusions
(8) Reflection (explain how this work illuminates your topic or how it will fit in with your research)

This is an example of an annotated bibliography..
REMEMBER: IT'S COMMON TO FEEL OVERWHELMED AT FIRST...
(BUT THINGS WILL GET BETTER WITHOUT YOU REALIZING)
SECOND AND SUBSEQUENT SEARCHES:
- FEEDBACK INFORMATION YOU’VE LEARNED
- PLUG GAPS
6. COLLATE AND TRACK RESULTS..
There are tools that will help your workflow and also help you with your writing. Eg: EndNote
YOU’LL KNOW YOU’RE FINISHED WHEN:
EVERYTHING STARTS TO FEEL FAMILIAR
YOU CAN’T FIND ANYTHING NEW