ARCHGEN703 Library Workshop 1

Finding information

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Te Tumu Herenga / Libraries and Learning Services 2021

Research for Design Hub

Starting your research

Getting started with your research

Developing a search strategy

Organising your ideas for effective searching

Where should I look for info?

Finding information on international and New Zealand architecture, and images

Finding precedent projects

Sources for example building projects

Modules > Research for Design hub

Workshop 1

Activity 1:

How do you begin your research for design?

Activity 2:

Brainstorm and develop a search strategy

Activity 3:

Start looking for scholarly information

Recap

Activity 1 & 2

How do you begin your research?

Modules: RECAP

Starting your research

Developing a search strategy

See your Canvas menu…

Starting off

Highlight key ideas in the topic outline

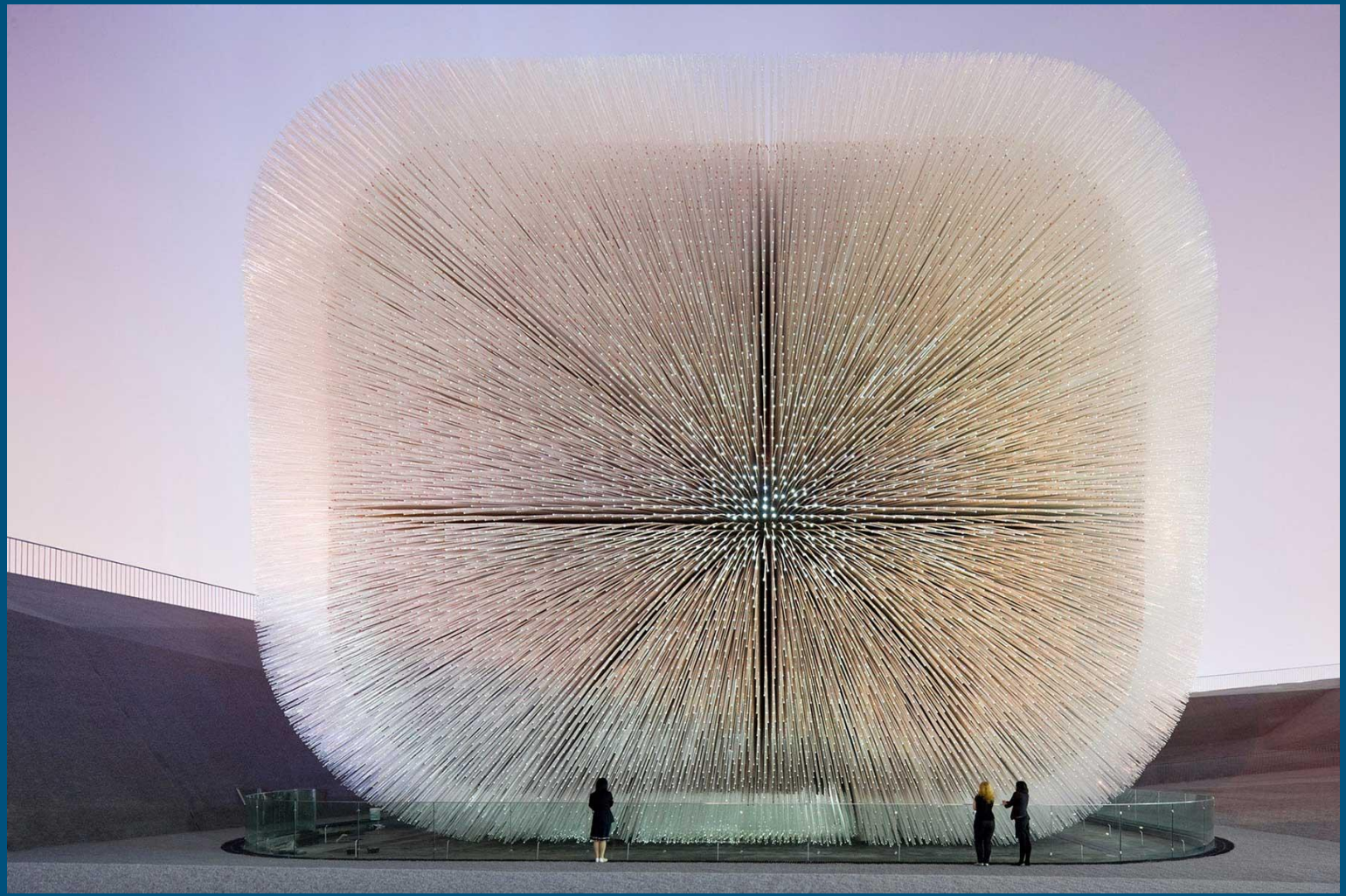
Identify design learning outcomes

Ask questions... What problem am I solving?

Mind Map or brainstorm

Organise topics for investigation

Images



Reverse image search

google.co.nz

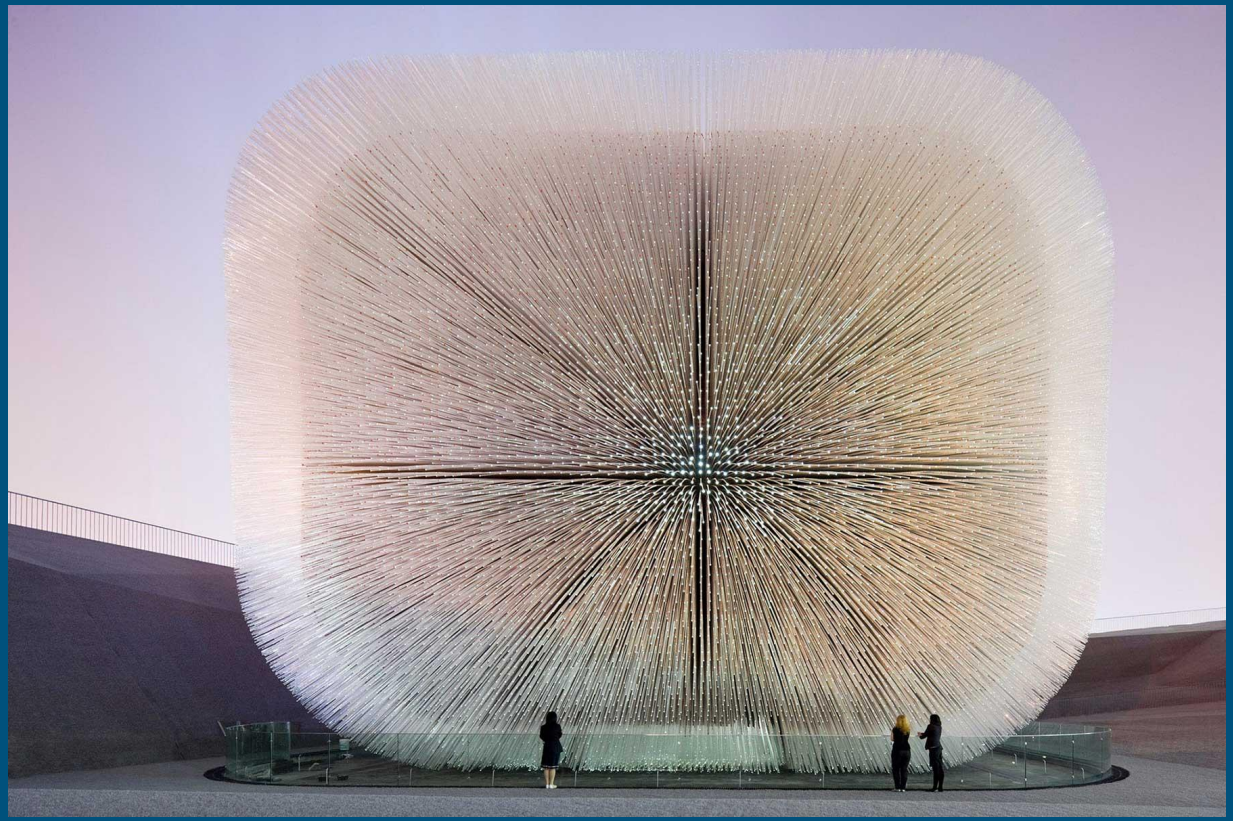
tineye.com

UK Pavilion Shanghai Expo 2010

Thomas Heatherwick Studios

“Seed cathedral”

2010 Winner
RIBA Lubetkin Prize



heatherwick.com/project/uk-pavilion/

30 St Mary Axe

- The “Gherkin”, 30 St Mary Axe, Swiss Re building
- Norman Foster Foster+Partners, Arup
- 1997-2004, 20th/21st century architecture
- London, England, UK, Great Britain

- Commercial, urban, contemporary, skyscraper,
- Triangulated structure, diagrid, glass facade
- 2003 Emporis Skyscraper award & 2004 Stirling Award winner

Photo by Roman Fox on Unsplash

Idea Table

Idea 1: Name of building	Idea 2: Architect	Idea 3: Construction
The Gherkin	Norman Foster	Commercial
30 St Mary Axe	Foster + Partners	Contemporary
Swiss Re Building		Skyscraper

Photo by Roman Fox on Unsplash

Idea Bulls-Eye

Broaden or Narrow your ideas

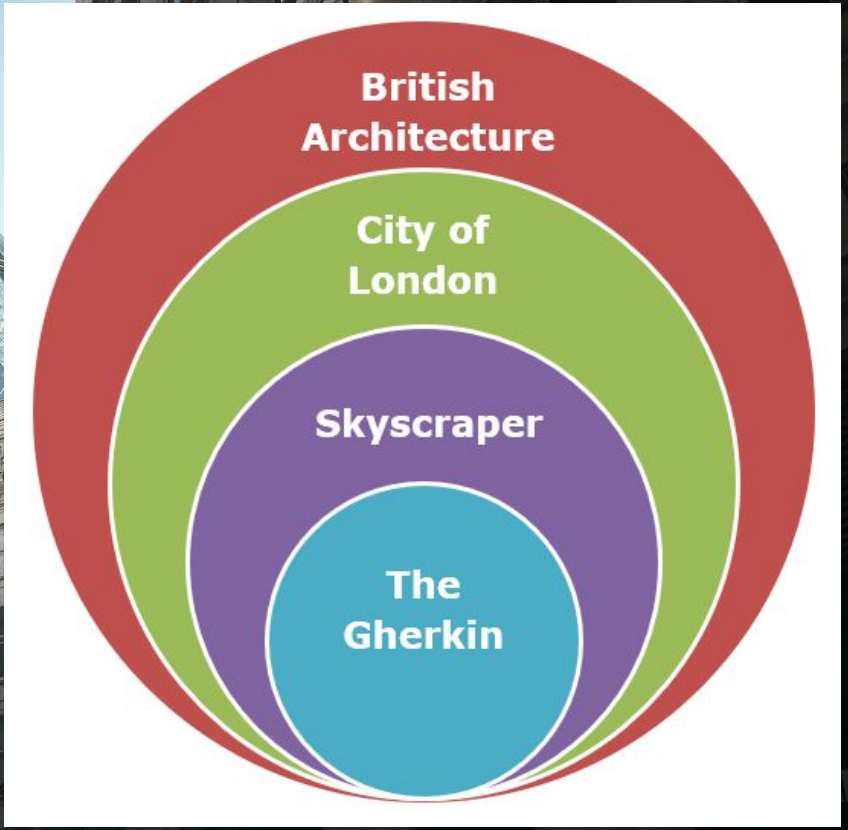


Photo by Roman Fox on Unsplash

Activity 3

Start looking for scholarly information

Modules:

Where should I look for information?

Precedent projects

SEARCH LOG

Source (e.g. database)
Search terms/strategies used
Time period covered
Number of results
Notes

Record your search efforts...

Searching tips

Photo by DAVIDCOHEN on Unsplash

Boolean operators: AND, OR, NOT

- **AND**

  Joins concepts:

  Architect **AND** *Construction*
- **OR**

  Joins synonyms:

  The Gherkin **OR** *30 St Mary Axe*
- **NOT**

  Filters out search terms

  Foster & Partners **NOT** *Arup*

- **Speech marks “_”**

  Keeps phrases together
- **Brackets (_)**

  Keeps concepts/phrases together

Searching tips

Photo by DAVIDCOHEN on Unsplash

Widen your search:

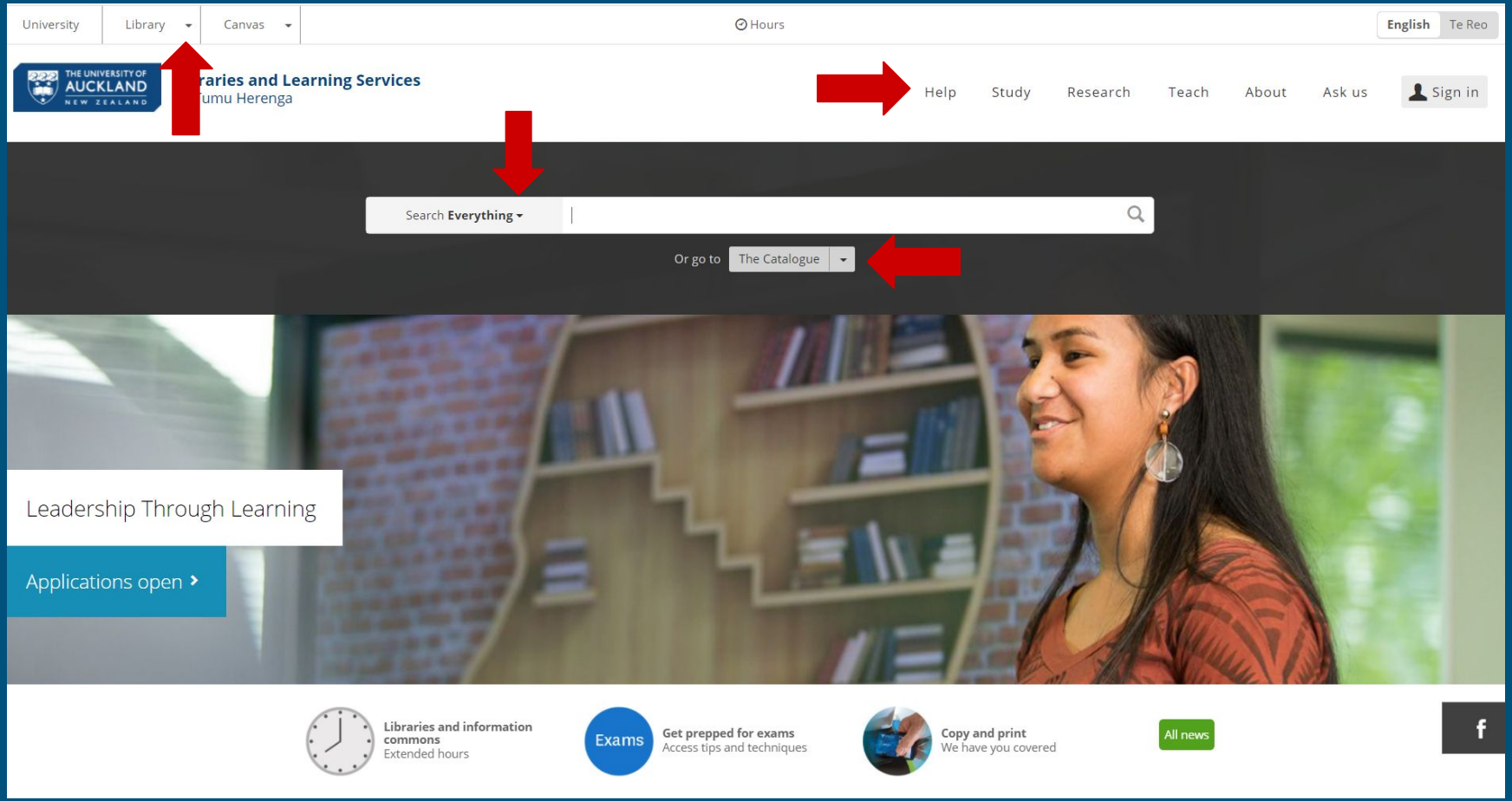
- Use **LESS** keywords
- Use more **GENERIC** terms
  e.g. “public space” instead of “plaza”
- Try using **SUBJECT HEADINGS**
- Use **TRUNCATION * ?** to find all word variations
  e.g. zon? OR zon* to find zone/zones/zoning, zoned
- Try **US/UK SPELLING** versions

Narrow your search:

- Use **MORE** keywords
- Use database/catalogue **FILTERS**
- Try **SUBJECT HEADINGS/TAGS**
- Use **“PHRASE” SEARCHING**
  e.g. “green building” instead of green building

Searching tips

Photo by DAVIDCOHEN on Unsplash



https://www.library.auckland.ac.nz/

Photo by Monjur Hasan on Unsplash

Level 4 General Library

Print journals
Books
Large books

Catalogue Search

- ★ Sign in
- ★ Use two keywords from your search strategy
- ★ Refine & record results

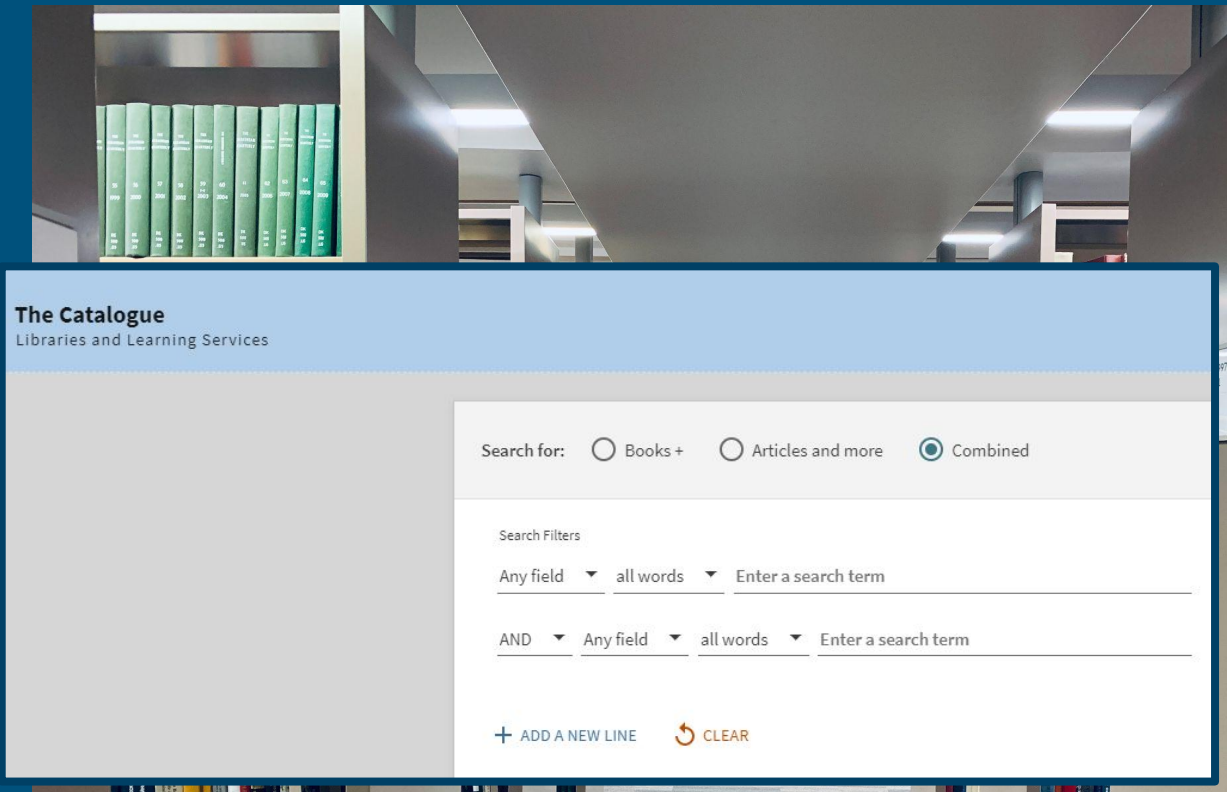
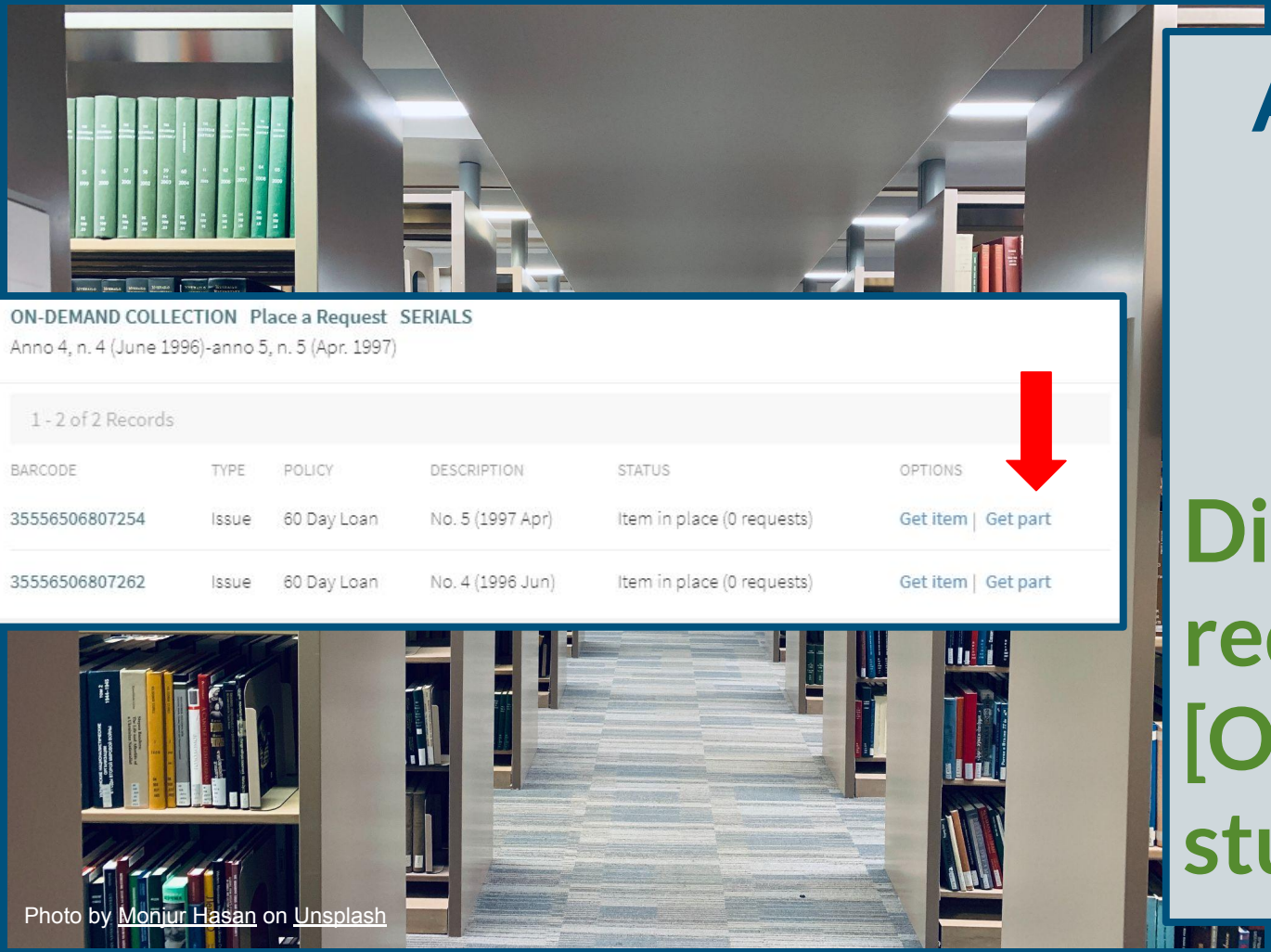


Photo by Monjur Hasan on Unsplash

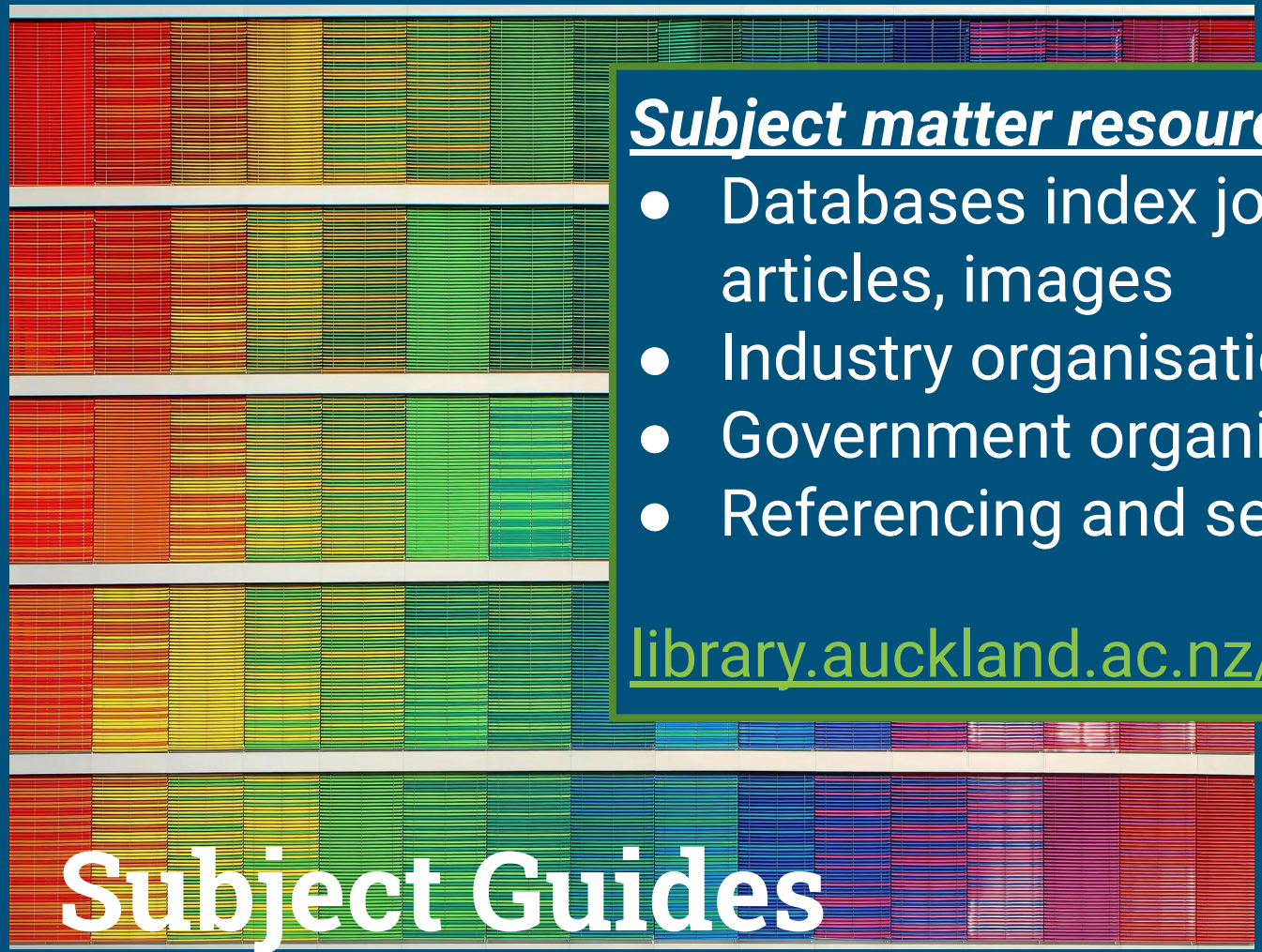


Article not online?

SIGN IN

Digitisation request [Off Campus students]

Photo by Monjur Hasan on Unsplash



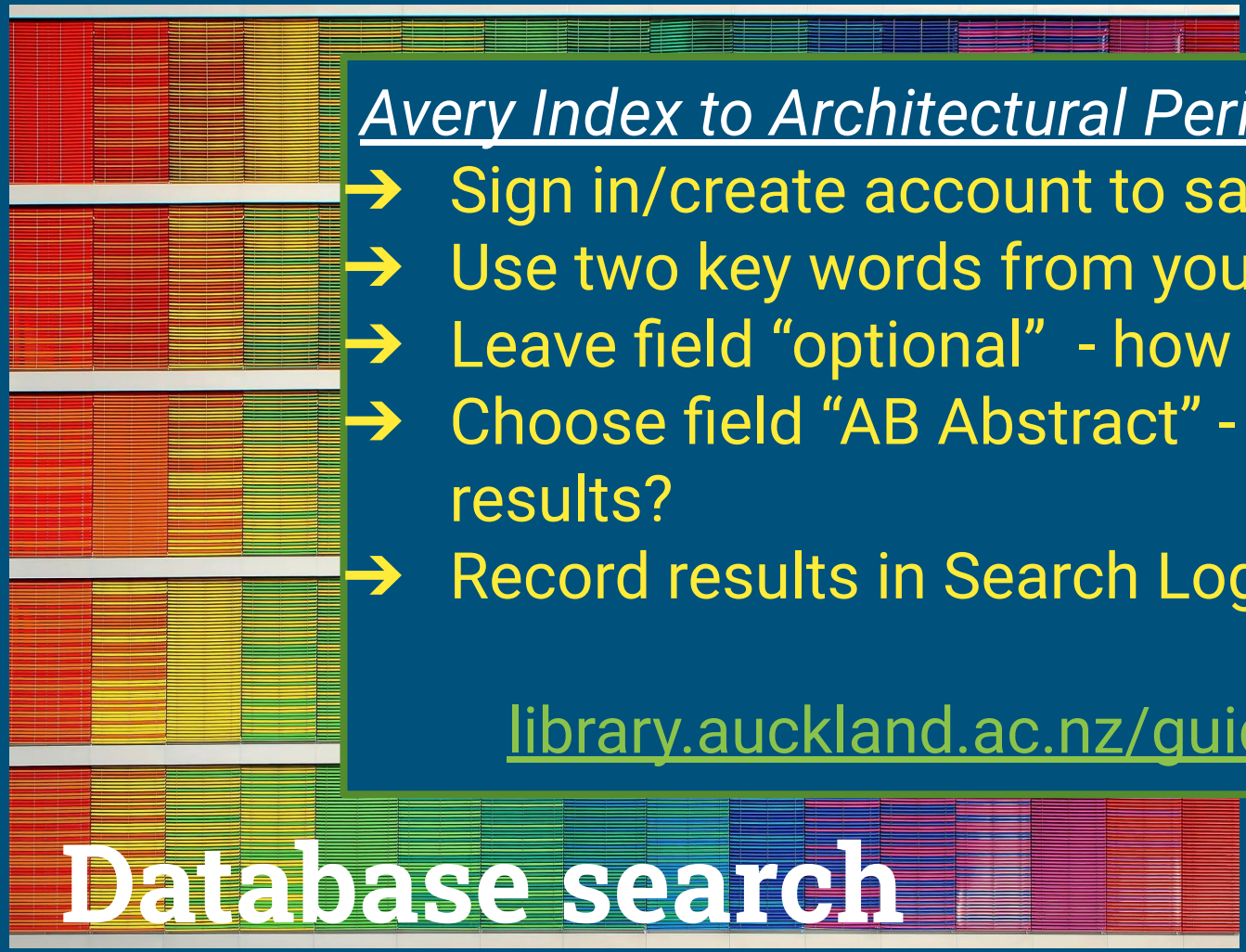
Subject Guides

Subject matter resources

- Databases index journals and articles, images
- Industry organisations
- Government organisations
- Referencing and searching tips

library.auckland.ac.nz/guides/creative

Photo by Ricardo Gomez Angel on Unsplash



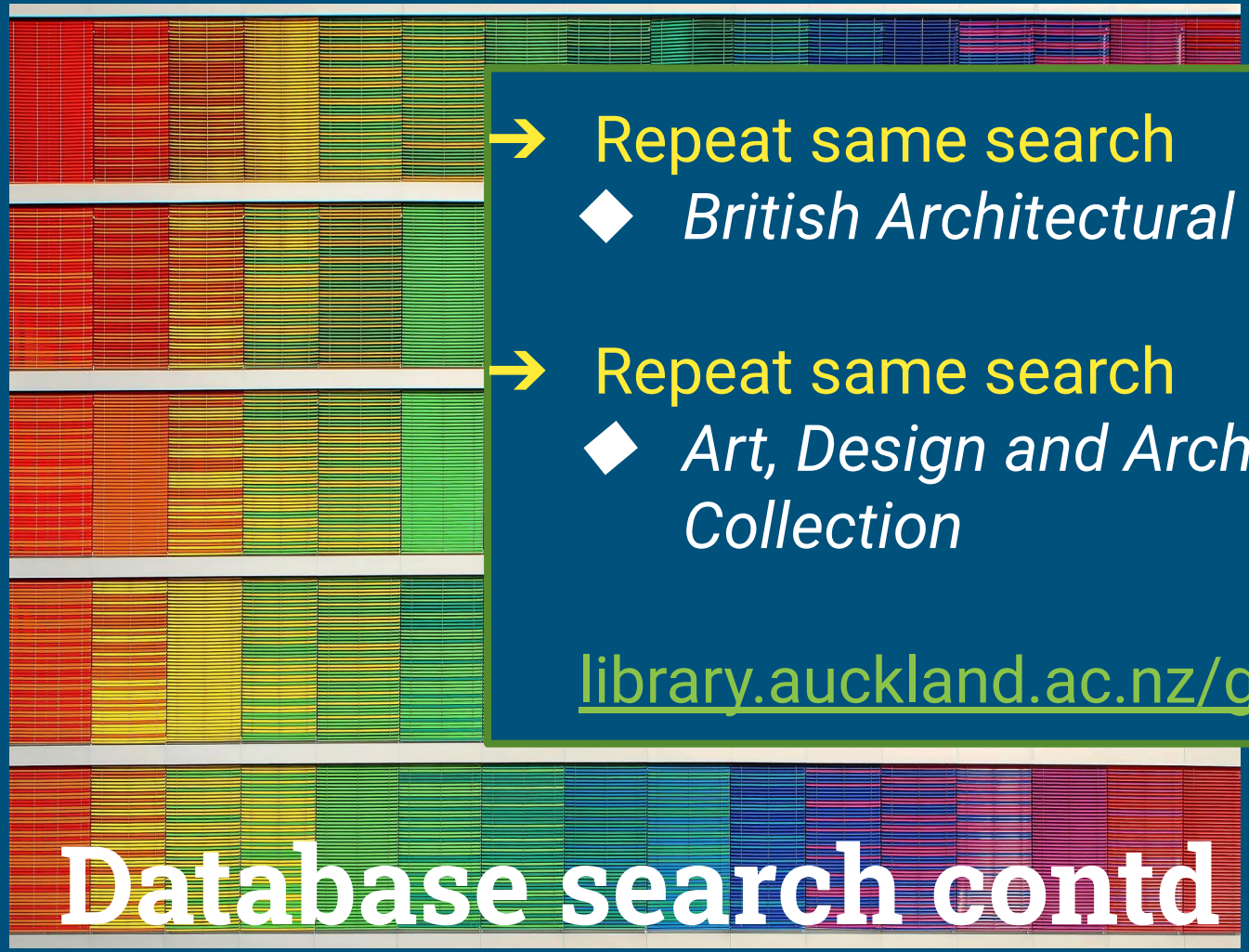
Database search

Avery Index to Architectural Periodicals

- → Sign in/create account to save articles
- → Use two key words from your search strategy
- → Leave field “optional” - how many results?
- → Choose field “AB Abstract” - how many results?
- → Record results in Search Log

library.auckland.ac.nz/guides/creative

Photo by Ricardo Gomez Angel on Unsplash



Database search contd

→ Repeat same search

- *British Architectural Library (RIBA)*

→ Repeat same search

- *Art, Design and Architecture Collection*

library.auckland.ac.nz/guides/creative

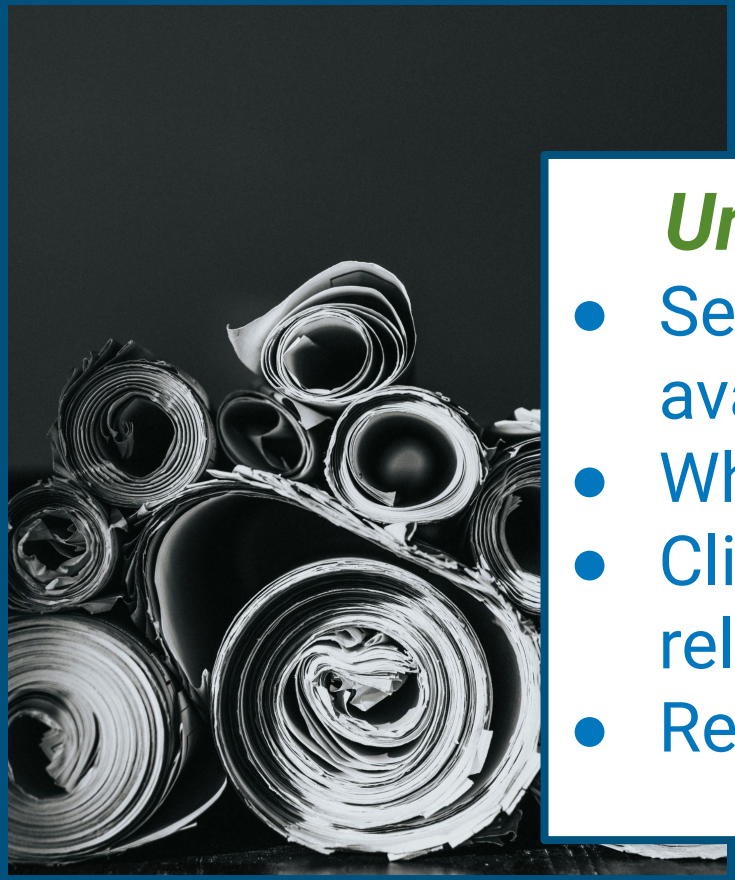
Photo by Ricardo Gomez Angel on Unsplash

Theses

- Search your topic in New Zealand and International research
- Look to subject headings
- Look to references
- Search title in google scholar for any citations
- Look for your lecturers thesis...

library.auckland.ac.nz/services/research-support/finding-theses-and-dissertations

Photo by Nathan Dumlao on Unsplash



Theses search

University of Auckland Theses

- Search “Michael Davis”. What is available?
- What subject headings are used?
- Click on one of the subjects that best relates to you
- Record results in Search Log

library.auckland.ac.nz/services/research-support/finding-theses-and-dissertations

Photo by Nathan Dumlao on Unsplash

Theses search

Trove

- Search using the title of M.Davis thesis.
- What tags are there?
- Copy and paste on of those tags in the basic search
- Record results in Search Log

library.auckland.ac.nz/services/research-support/finding-theses-and-dissertations

Photo by Nathan Dumlao on Unsplash

Precedent projects

Photo by Bernard Hermant on Unsplash

Part of Architect's Journal

AJ Buildings Library

library.auckland.ac.nz

DETAIL inspiration

Architecture Databases

Architecture subject guide

Photo by Bernard Hermant on Unsplash

Projects

Find and compare the same project in both databases,
e.g. “Seed Cathedral”

Consider :
Keywords used/provided
Can’t find?
Try searching by practice
Any related projects?

DETAIL inspiration

AJ Buildings Library

Photo by Bernard Hermant on Unsplash

Questions?

Photo by Mathew Schwartz on Unsplash

Research Services

library.auckland.ac.nz/services/research-support

- *Postgraduate resources*
- *Workshops* - **Literature Reviews, Writing abstracts, presenting your research**...
- *Book a research consultation*

Postgraduate Research Skills @ Te Tumu Herenga

https://canvas.auckland.ac.nz/courses/69130

Photo by Mathew Schwartz on Unsplash

Thank-you

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