

The background of the slide is a dense, overlapping pattern of various-sized metallic gears. The gears are rendered in shades of grey and brown, with highlights and shadows that give them a three-dimensional appearance. They are interlocked in a way that suggests a complex mechanical system.

Use it!

Research and Design Team Project

(MAT7400)

www.library.qmul.ac.uk



Queen Mary
University of London

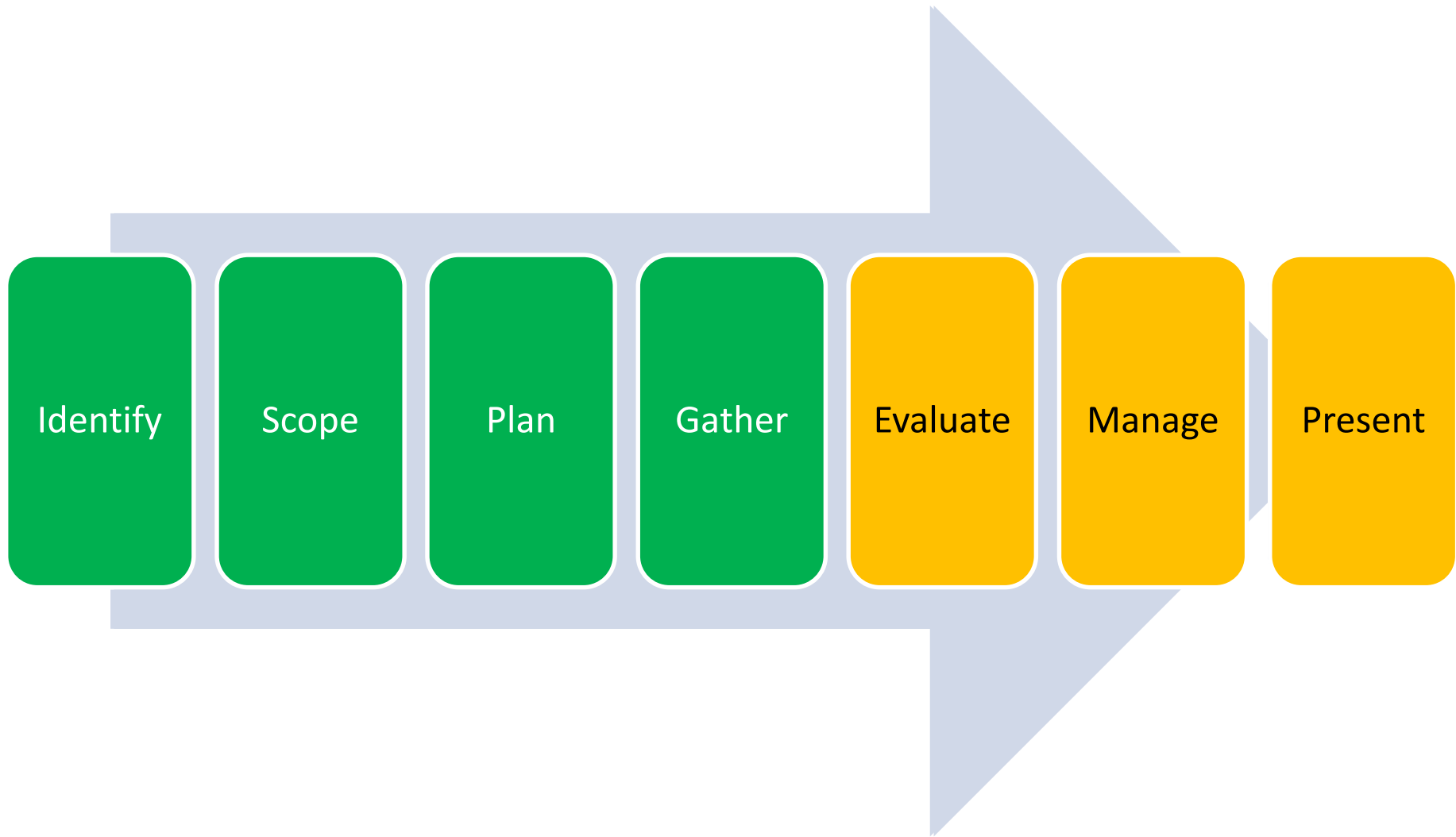
Learning Outcomes

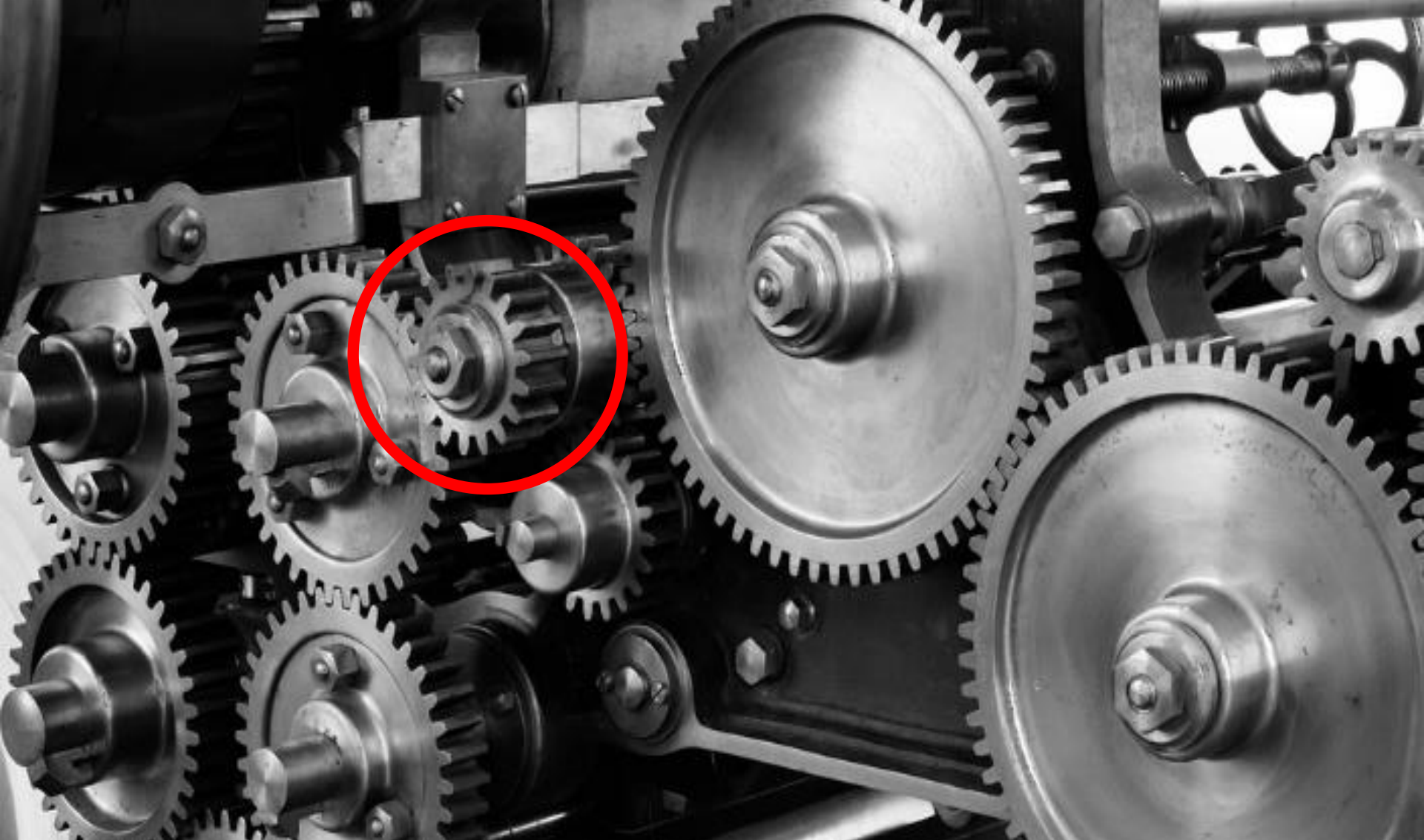
After this session you will be able to:

- Evaluate information, recognise the importance and limitation of metrics
- Find and select appropriate tools to help you get started with your group work
- Share out the research tasks between the members of your group



Seven Pillars of Research





Defining your topic

Clarify within your group!



What is your topic?

Choosing a database



WEB OF SCIENCE™



Scopus



Choosing the right keywords

Report on the **force-extension** **behaviour** of
a **polymer**



Discuss within your group!



**How will you go about finding your
information?**



EVALUATING SOURCES

Explore within your group!



How would you judge if a text is of high-quality?

5 basic questions

WHO

- **Who** wrote the text you are reading? Can you determine the author's credentials?

WHAT

- **What** is it? Is it a journal article or perhaps a passage from an e-book, or does it come from a company report, a tweet or a newspaper article?

WHY

- **Why** was this text written? Consider the motives of the author – are they trying to persuade, to demonstrate or prove something?

WHEN

- **When** was it written? It is not always the case that the most recently published information is the best so think carefully about this.

RELEVANCE

- **Relevant** to your own work?



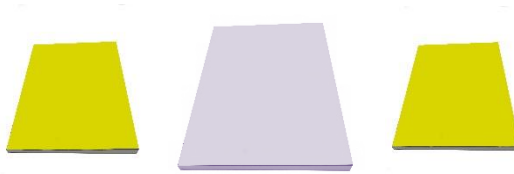
Tools for evaluating



Within Academic research, there are tools for you to use to give more context to who wrote a text and in which journals you are likely to find high-quality articles.

These measurements are called **H-index** and **Journal Impact**.

Journal Impact



Journal impact captures how many times articles from the journal has been cited.

Traditionally, articles in printed journals with a high journal impact would be seen more as the person needed to access the whole journal.

Is this still true in an electronic world?

Altmetrics



Altmetrics is **NOT** an alternative to traditional metrics



weibo



F1000
FACULTY of 1000



LinkedIn



A close-up photograph of a giraffe's head and neck. The giraffe's head is tilted downwards, and its two ossicones (horns) are raised high into the air. The background is a dense, out-of-focus green forest. A semi-transparent white banner with dark blue text is overlaid across the middle of the image.

**Research materials are usually
designed for single use**

Reference Management

ENDNOTE®



zotero

- Collect and organize references
- Import references and related PDFs directly from databases
- Insert citations and bibliographies into Word documents





Desktop version free on networked computers
Need to pay if you want it on your own computer



More functionality

Cite while you write

Some add-ins are only possible to access through the online version.



On-the-go version

ENDNOTE®



Endnote: A hands-on exploration

Collaboration in

There are different ways of collaborate in Endnote.

1. Sharing groups (only references no attachments)
2. Sharing libraries (Everyone has to access it using the desktop version, except for the owner who can also use the web version)
3. Sharing an account (not recommended as you might end up with many duplicates and loose changes)



Links to Endnote

Sharing library: <http://endnote.com/product-details/library-sharing>

Sharing groups:

<http://community.thomsonreuters.com/ts/attachments/ts/en-training/110/1/EndNote%20Collaboration.pdf>



Collaboration in



Mendeley is popular for its collaboration options

However you will need to pay if you are more than three members in your group

Collaboration in Knovel[®]

In Knovel you can share folders where you can save and share all material you find in Knovel

However, it is only possible to include material from Knovel and for this project you will most likely want to include other sources as well

Discuss within your group!



How will you keep track of your material?

Discuss within your group!



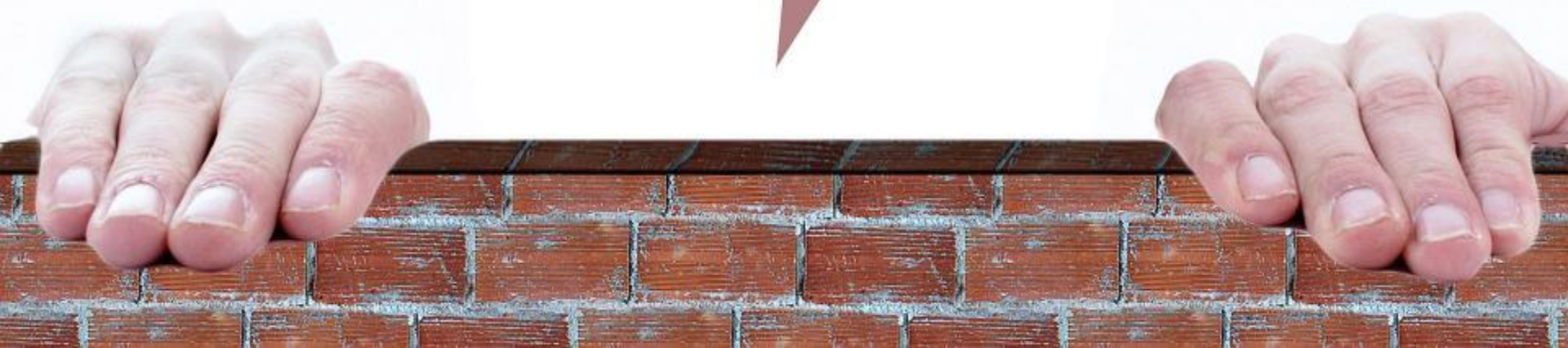
How will we do the reading?

Discuss within your group!



How will we present the outcome?

HELP



CITE THEM RIGHT ONLINE



LIBRARY LANDING PAGE



You are logged in as
Guest user

SUPPORTING RESEARCH

Whether you are a taught student, research student or member of staff, the Library can help you with your research. Investigate our services and resources on the [Library Website](#) and complete our accredited courses on QMplus as part of the Researcher Development Framework:

- [RDF Principles of Open Access and Open Access Publishing](#)
- [RDF Information Literacy Skills for Researchers](#)
- [RDF Research Data Management](#)

USING YOUR LIBRARY

The essentials for all our staff and students.

Manage your library account and find out about our services:

- [Using the Library](#)
- [Self-service](#)
- [Add Copy and Print Credit](#)

Finding Information

Find the books, journal articles and other learning resources you need for your coursework and research:

Search Library Discovery:

INFORMATION LITERACY SKILLS



Find it! Use it! Reference it! - helping you develop your information literacy.

Always think Critically! Learn:

- How to find the information you need
- How to evaluate it and use it effectively in your work
- How to [reference](#) the information you've found

Get started with our QMplus module

[FIND IT! USE IT! REFERENCE IT](#) >

and investigate our range of

[SUBJECT GUIDES](#) >

NEW QMPLUS - TIPS

- [Top ten videos to get you started](#)
- [Ten little things that are new in QMplus](#)
- [Whats new with assignments?](#)
- [Highlights of the new theme - Video](#)
- [Editing your new landing page](#)
- [Issues log \(Check here before raising a ticket\)](#)

The Library on QMplus

STUDENT LIFE

- > [Student email](#)
- > [My QMUL](#)
- > [Queen Mary Students' Union](#)
- > [Student Enquiry Centre](#)
- > [Careers](#)
- > [Course reps](#)

HELP & SUPPORT

- > [Raise a support ticket](#)
- > [QMplus for students](#)
- > [Browse our help guides](#)
- > [E-learning Unit website](#)
- > [Book a learning technologist](#)
- > [Book a recording booth](#)

LIBRARY

- > [Library Landing Page](#)
- > [Library Website](#)
- > [Find it! Use it! Reference it!](#)
- > [Search Library Discovery](#)
- > [Subject guides](#)
- > [Cite Them Right](#)

QMPLUS ARCHIVE

- > [Archive](#)
- > [2016-17](#)
- > [2015-16](#)
- > [2014-15](#)
- > [2013-14 \(on campus\)](#)
- > [2012-13 \(on campus\)](#)

Further Help

- **Welcome Desk** on the Ground Floor - entry/exit issues and circulation problems & general enquiries
- **Roving Staff** on all floors - general enquiries
- **Online:** <http://www.library.qmul.ac.uk/contact>
- **Subject-related enquiries** – Faculty Liaison Librarian – see subject webpages for contact details



How to contact your S&E team?

Email: library-sande@qmul.ac.uk

For news and recent developments:

Twitter: [@QMLibrarySciEng](https://twitter.com/QMLibrarySciEng)