

Methods of Scientific Work

Center for Academic Advising and Psychological Counseling
Sarah Hostmann



Topics

- A few questions for the participants...
- Basics of Scientific Work
- Support and Resources

You can download this presentation here:

<https://www.fu-berlin.de/sites/studienberatung/projekte/ibi/index.html>



A few questions...

Question 1

Are you currently a student of FU Berlin?

A: Yes

B: No

Question 2

If you are a student at FU Berlin, in what department do you study?

-> Answer in the chat

Question 3

Have you already written a paper in an university in Germany?

A: Yes

B: No

Question 4

How did you learn about this event?

- a. I found the info about the event on the FU website.
- b. I received an e-mail by someone from FU Berlin.
- c. I received an e-mail by someone who is not working or studying at FU Berlin.
- d. I learned about it in a consultation at FU Berlin.
- e. A friend told me about it.
- f. None of the above





What would you like to learn today?

Write down your question(s) in the chat



Basics of Scientific Work



Wiki Studying 101 – A Simple Guide for Students

 Studying 101 - A Simple Guide for Students 

Seiten

SEITENHIERARCHIE

- > Planning & Organization
- > Self-Care
- > Reading
- > Writing
- > Public Speaking
- > Methods and Techniques
- Further Reading
- Workshops and Counseling
- Legal Notice

Seiten  

Studying 101 – A Simple Guide for Students

Erstellt von Ngoc Tra My Nguyen, zuletzt geändert von Sarah Hostmann vor weniger als einer Minute

Klicken Sie hier für das deutschsprachige Wiki [Studieren leicht gemacht](#).



Information on requirements for papers and exams

- Study and examination regulations of your study program (for each subject): www.fu-berlin.de/studienangebot
- Normally, teachers tell you about the requirements for papers and presentations at the beginning of their course or they upload information on the blackboard course

What are products of scientific work at university?

- Presentations (Referat)
- Essays and Papers
- Laboratory experiments
- Written and oral exams
- Bachelor's and Master's theses
- Etc.

Papers and Essays

- If you have to write a paper/essay, you often times have to come up with a topic and a research question yourself. Hence, a **high level of self-organization** is required.
- Use the **office hours of the teachers** to talk about your paper before you start writing it! Prepare your appointment with the teacher by writing an exposé or noting down your ideas as concretely as possible.

Scientific Work

"Scientific work means dealing with the thoughts of others on the basis of scientific knowledge at the current state of scientific discussion, coming up with one's own thoughts, and presenting the result in an understandable form."

(own translation)

Schweibenz, Werner (o.J.): „Wissenschaftliches Arbeiten, In: Ilse Harms und Heinz-Dirk Luckhardt (Hrsg.): *Virtuelles Handbuch Informationswissenschaft*, Saarbrücken: Universität des Saarlandes, Fachrichtung Informationswissenschaft.
<https://saar.infowiss.net/studium/handbuch/kap11/wissarb/> (2023-05-20).

Academic Standards

Content

- systematic structure
- logical argumentation
- definitions

Form

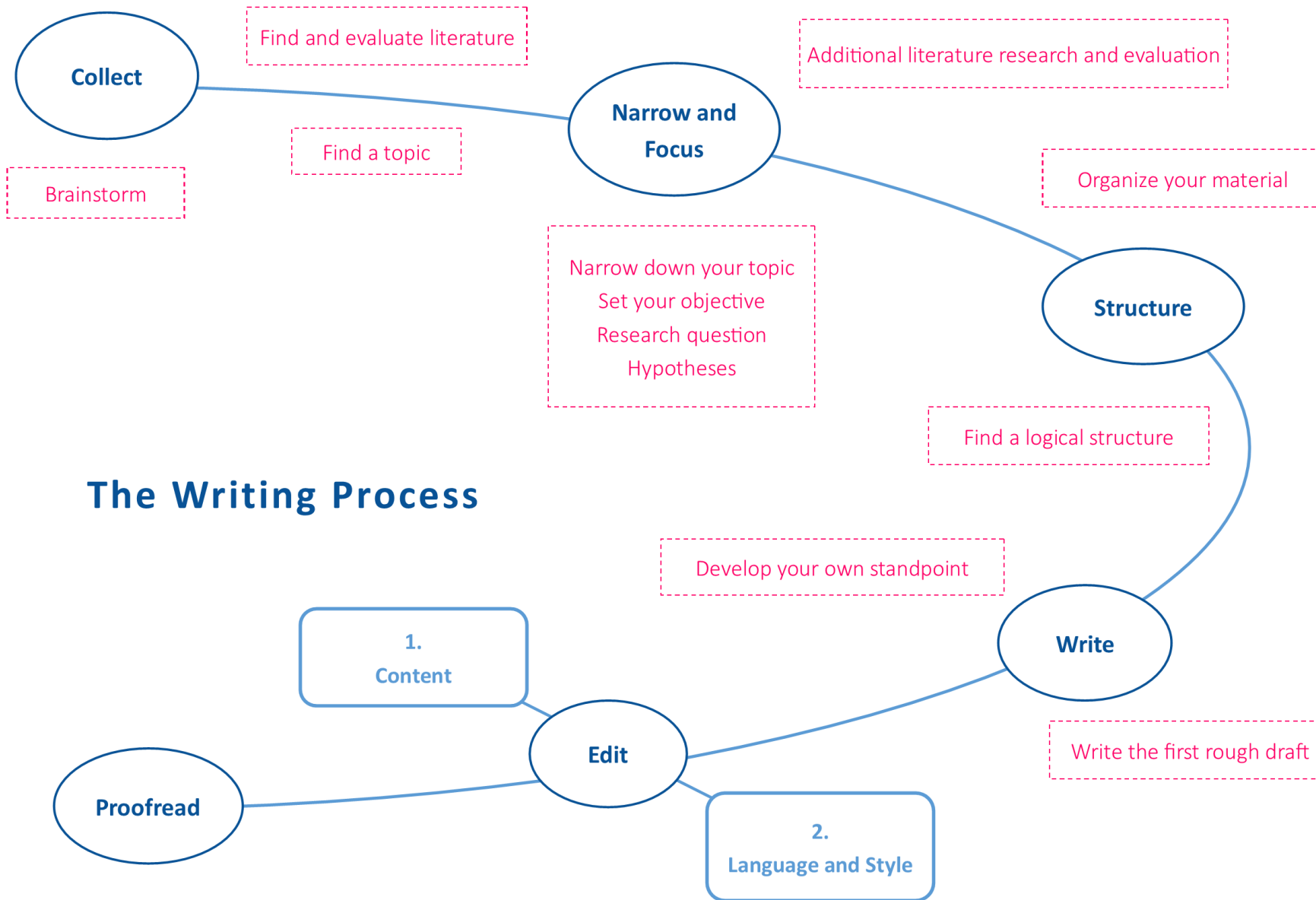
- linguistic expression and grammar
- terminology
- correct citation
- layout

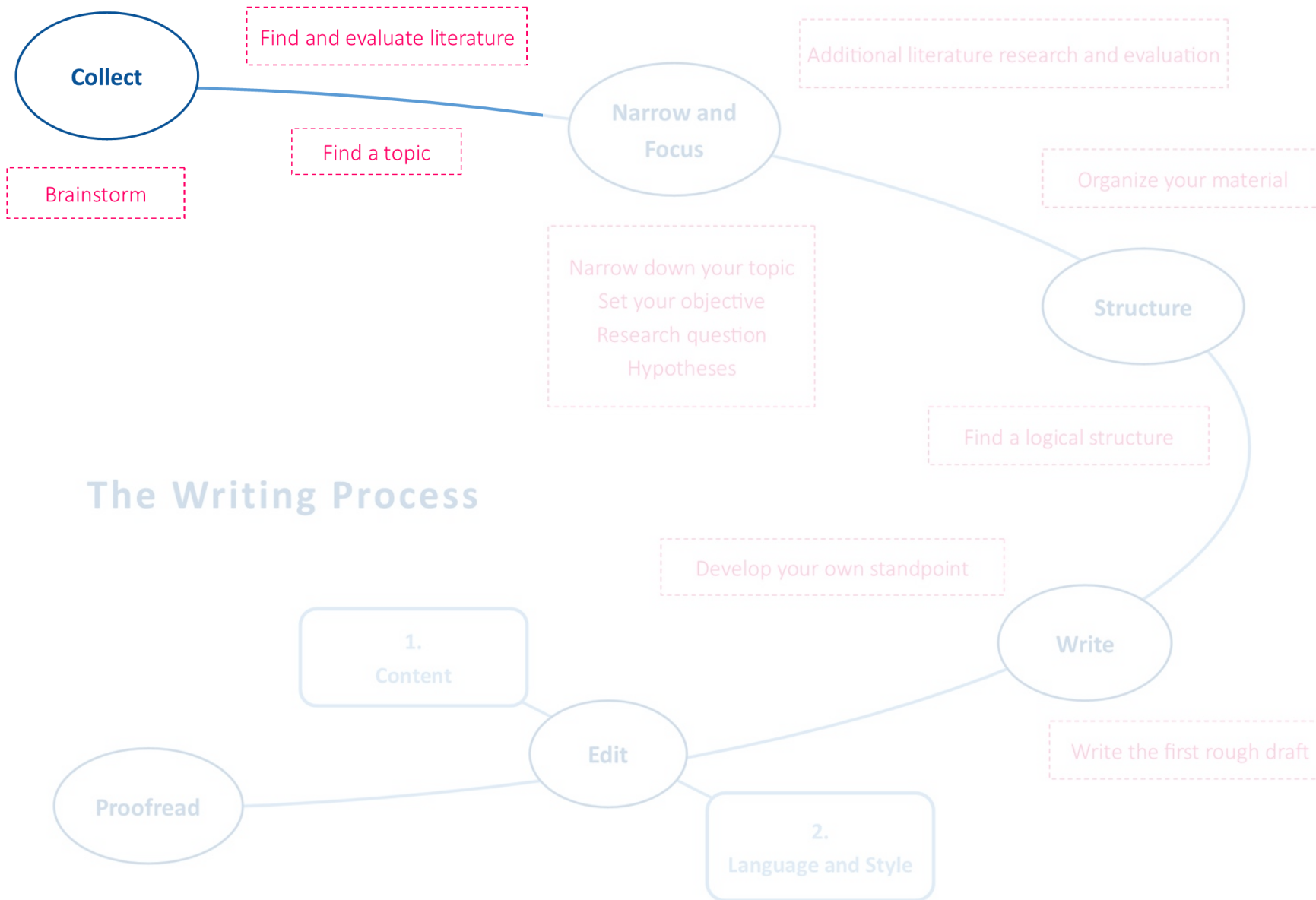
Argumentation

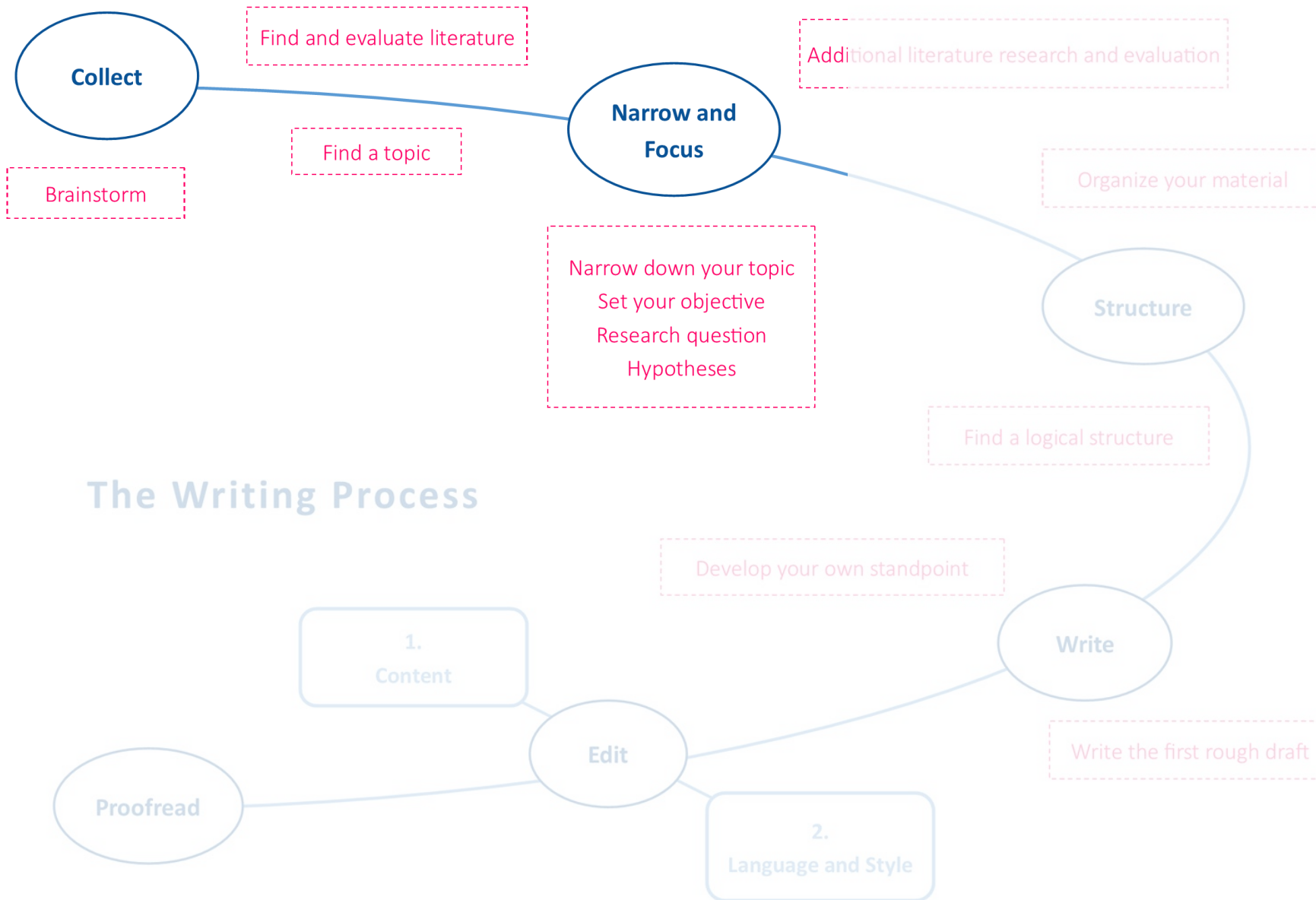
- Useful tips on how to develop an argument in a scientific paper can be found on the website of the Writing Center of the University of North Carolina at Chapel Hill: <https://writingcenter.unc.edu/tips-and-tools/argument/>
- The wiki Studying 101 – A Simple Guide for Students offers tips on how to develop a research question: <https://wikis.fu-berlin.de/display/studying/Narrow+Down+Your+Topic>

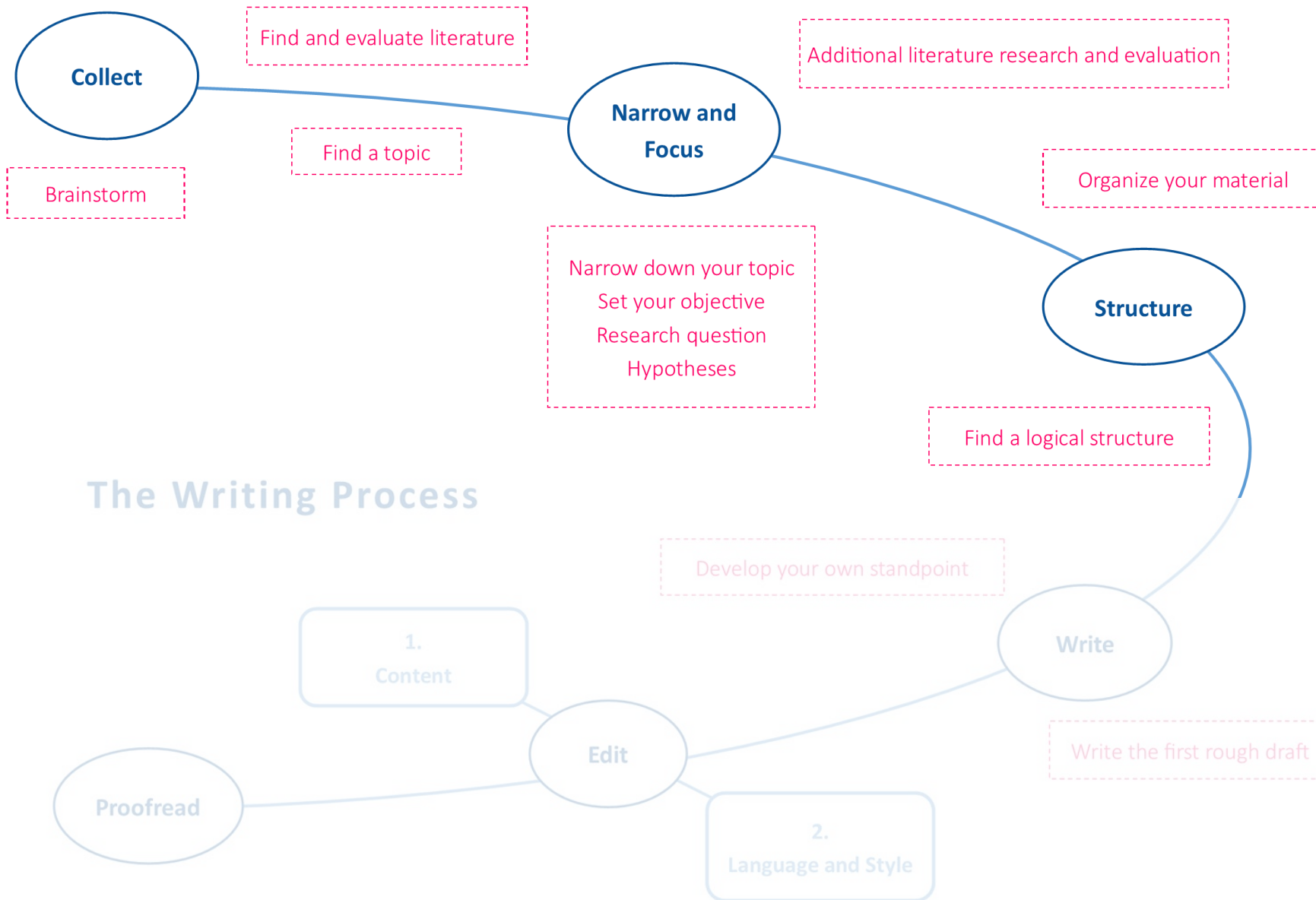
What needs to be cited?

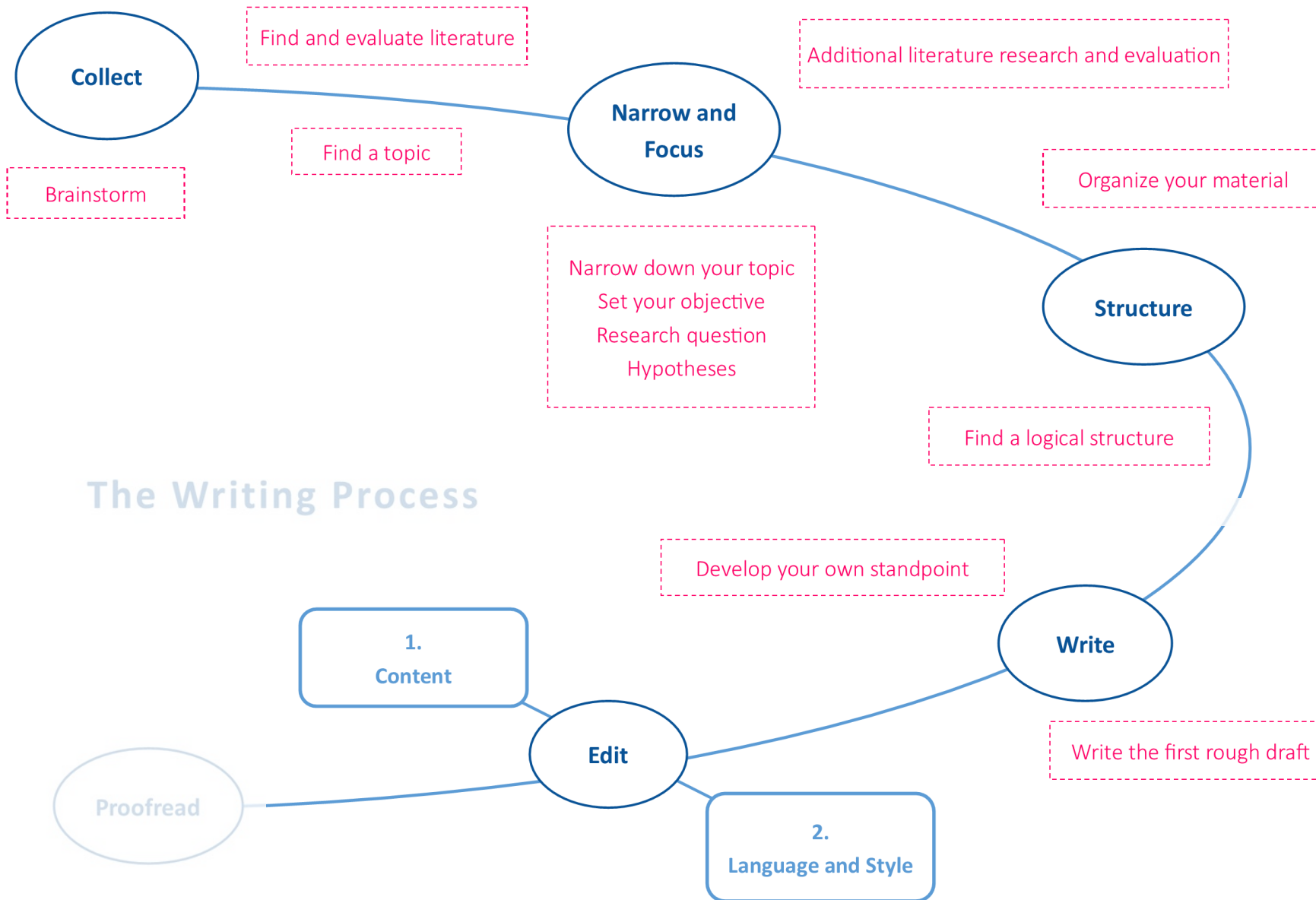
- Direct quotes, both entire sentences and phrases
- Paraphrases (rephrased or summarized material)
- Words or terminology specific to or unique to the author's research, theories, or ideas
- Use of an author's argument or line of thinking
- Graphs, drawings, or other such aggregations of information or data
- Articles or studies you refer to within your text

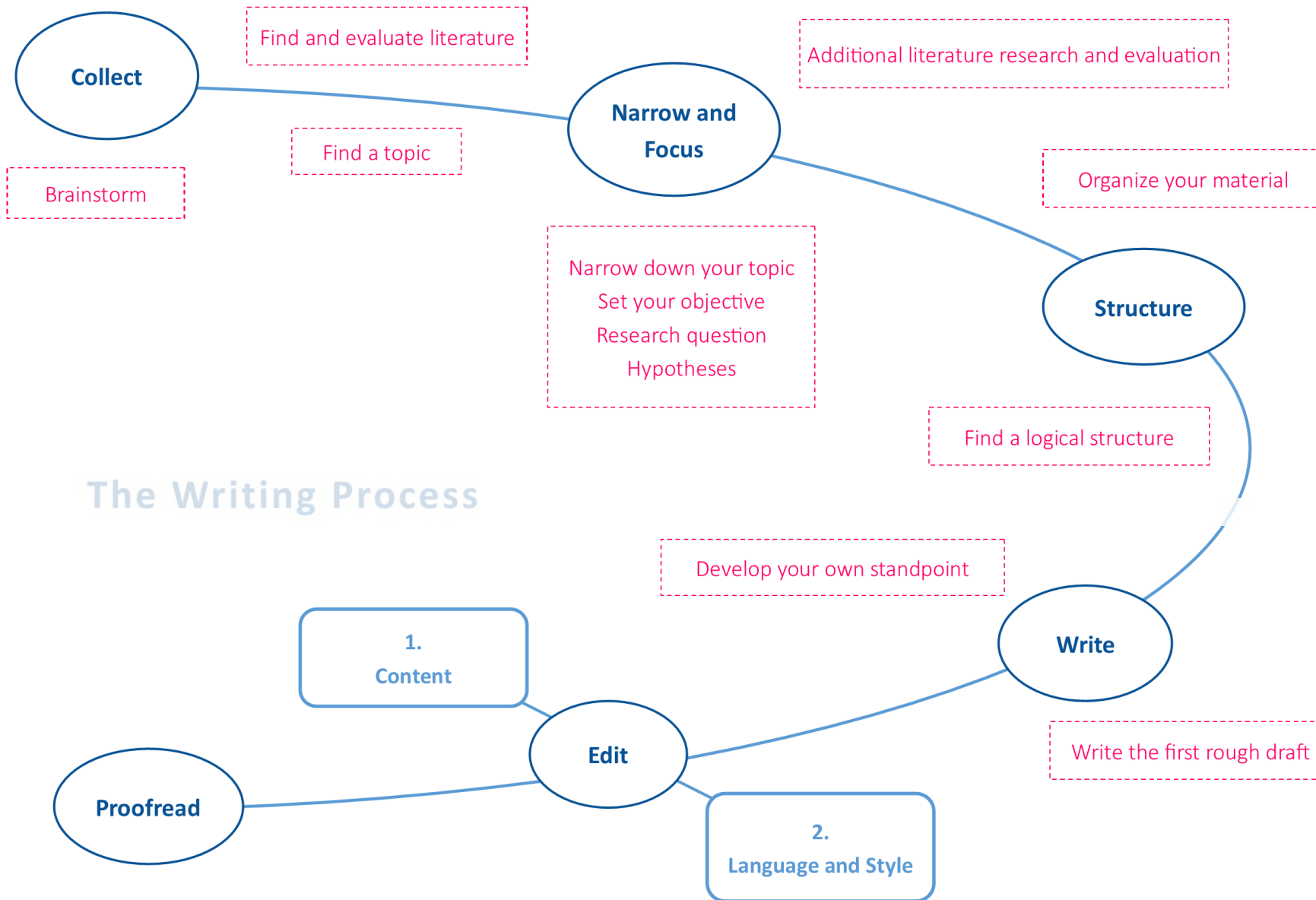












Questions?

Group work

In groups of three discuss these questions:

What information was new to you? What do you find difficult when you think about your next project in your studies (such as giving a presentation or writing a paper)?

Where can you find help regarding these difficulties?



Support and Resources

Support at FU Berlin

- When you have questions regarding your papers and other products of scientific work, please contact your teacher
- If you are unsure about study regulations and about organizing your studies, you can contact the departmental advisors at your department („Studienfachberatung“). Their contact information can be found here: <https://www.fu-berlin.de/en/einrichtungen/service/studierende/studienfachberatung/index.html>

Support offered by the Studierendenwerk

Writing consultation offered by Studierendenwerk Berlin

- Individual writing consultation
- Feedback on texts
- Workshops
- Self-study materials

Resources at FU Berlin

- Wiki Studying 101 – A Simple Guide for Students: <https://wikis.fu-berlin.de/display/studying>
- Workshops at the Center for Academic Writing and Psychological Counseling: <https://www.fu-berlin.de/en/studium/veranstaltungen/workshops/index.html>
- Information on the websites of the single departments, such as these guidelines for writing scientific papers by the Department of Management: <https://www.wiwiss.fu-berlin.de/fachbereich/bwl/management/mellewig/lehre/abschlussarbeiten/Guidelines-for-writing-scientific-papers--Management-Department1.pdf>

Resources at FU Berlin

Research Integrity at FU Berlin

- Information on good research practice:
- Link: <https://www.fu-berlin.de/en/sites/gwp/informationen/index.html>

University Library

- Guided tour: How to Use the University Library and Its Electronic Resources
- Individual coaching on literature research
- Link: <https://www.fu-berlin.de/en/sites/ub/lernangebote/index.html>

Dahlem Research School

- Workshops and courses for doctoral and postdoctoral researchers at FU Berlin
- Link: www.fu-berlin.de/en/sites/drs

Literature

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