Some Helpful Notes

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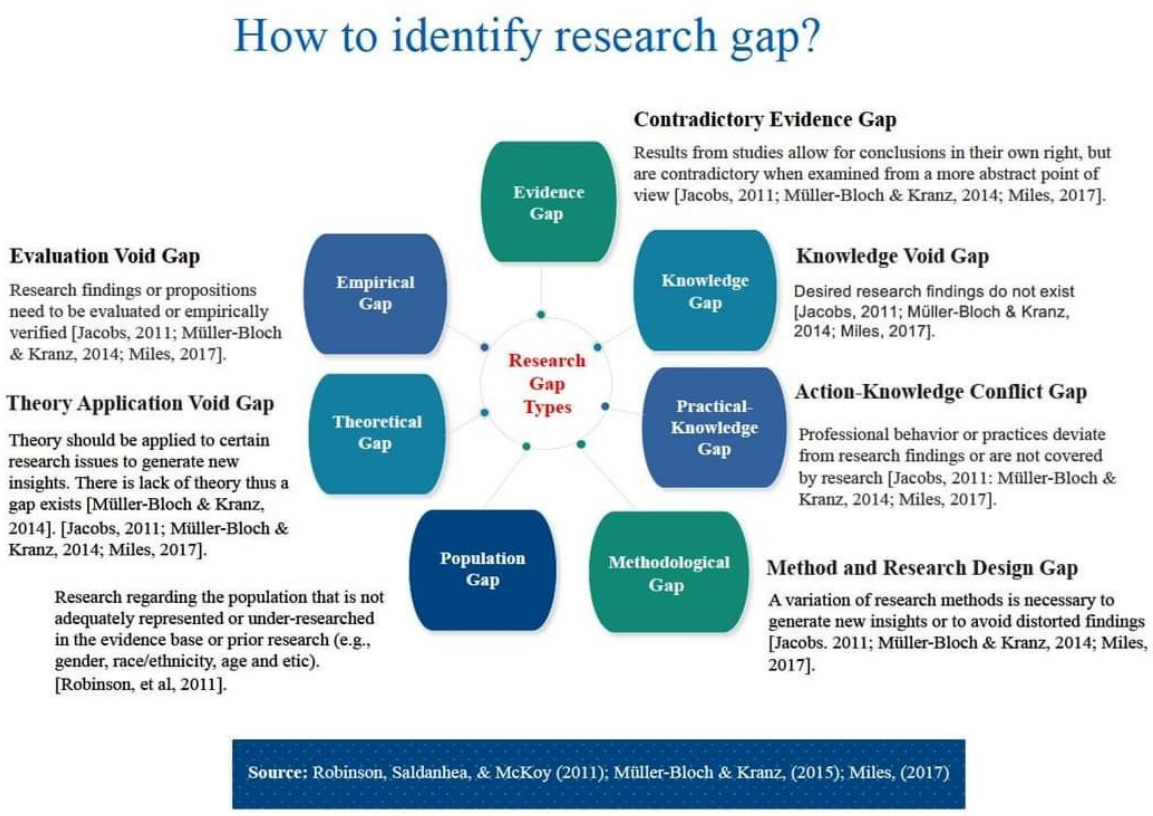
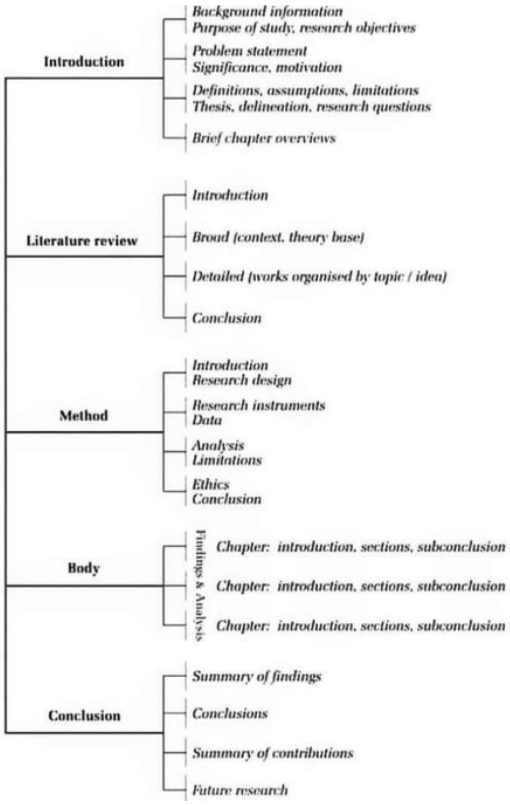
How to select a research topic:

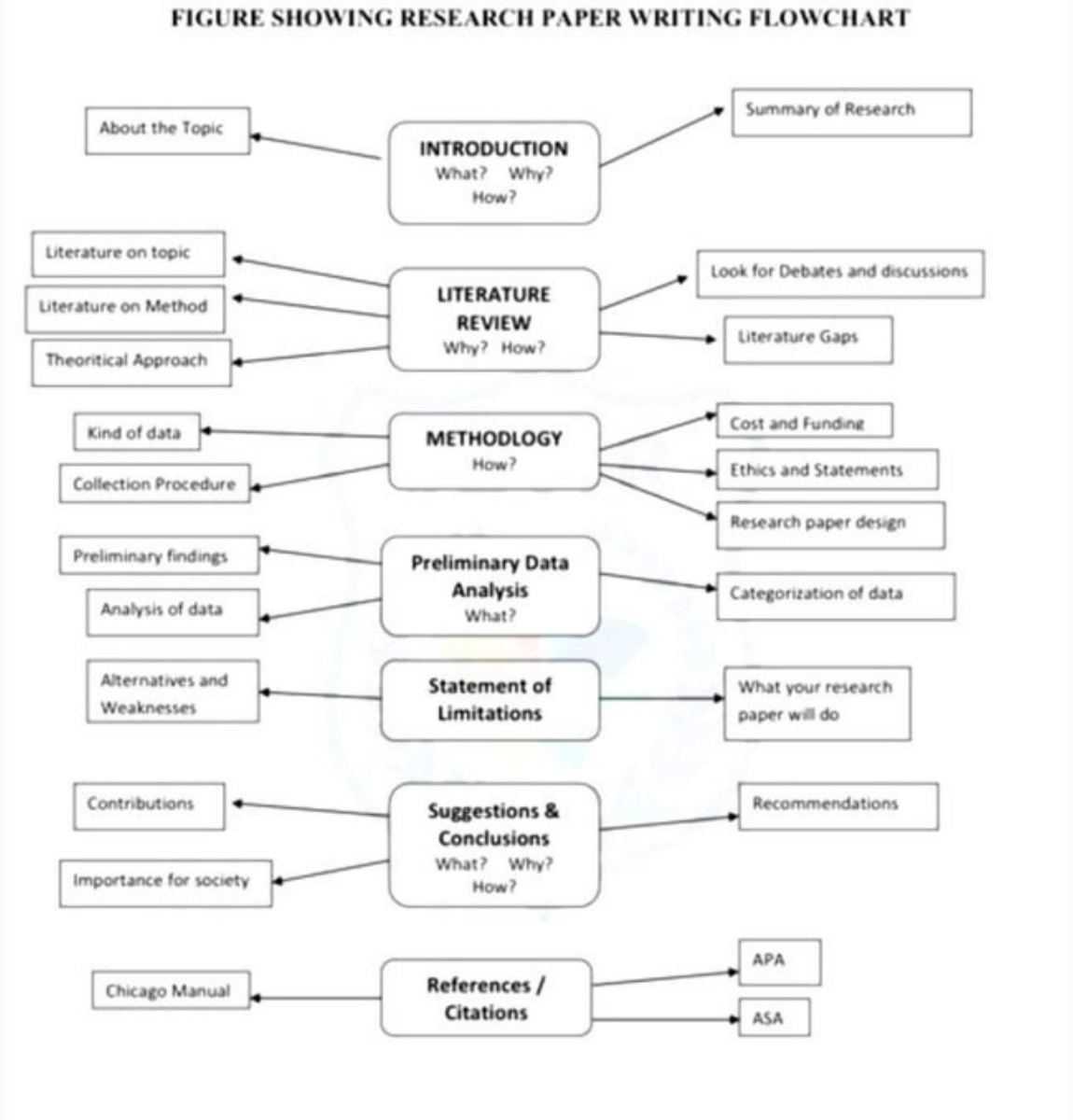
How to identify a research gap.



Structure paper

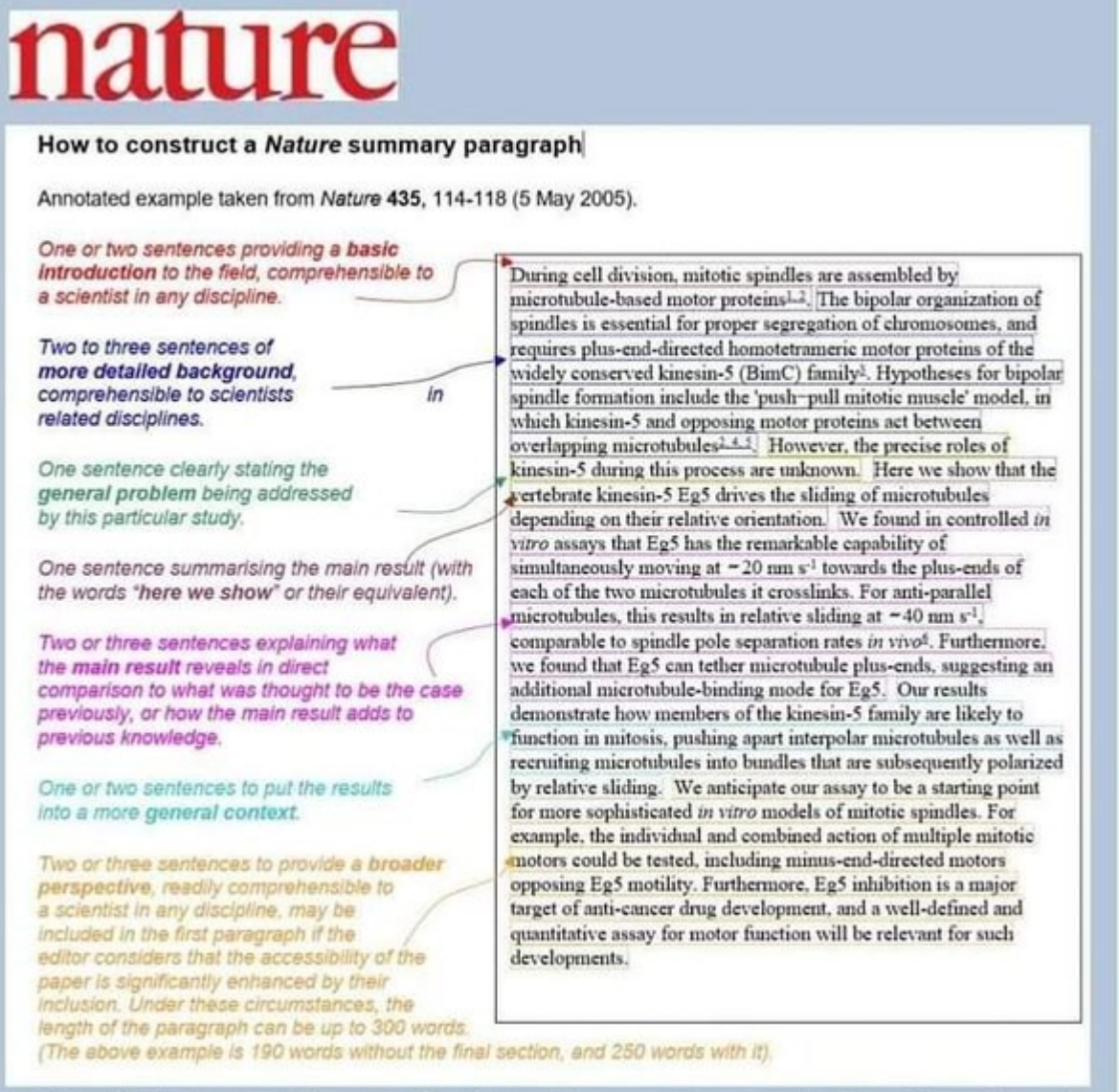


Research paper flow chart



Abstract

Box 7. Nature's abstract-writing template



Nature's abstract-writing template, https://www.nature.com/nature/for-authors/formatting-guide. © 2021 Springer Nature Limited. All rights reserved. Permission for further reuse must be obtained from the relevant holder of the exclusive rights.

Conduct literature review using google scholar

1. **Open Google Scholar:** Go to scholar.google.com.
2. **Use Specific Keywords:**
   - Type your search query in the search bar. For instance: `"machine learning in healthcare" AND "literature review"`.
   - Press **Enter** or click the **Search** button.
3. **Apply Filters:**
   - On the left sidebar of the results page, click **Since 2020** (or any other year range) under **Any time** to filter by recent publications.
   - If necessary, you can also click **Custom range** to set a specific timeframe.
4. **Search by Specific Journals:**
   - In the search bar, enter keywords with journal names if desired, like `"literature review" AND "data science" AND "IEEE"`.
   - Google Scholar does not allow a journal filter, but specifying a journal name in the query can improve results.

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5. **Use Advanced Search:**
    - Click the three horizontal lines in the upper-left corner.
    - Select **Advanced Search** from the dropdown menu.
    - Enter your keywords in fields like **all of the words**, **with the exact phrase**, or **where my words occur** (in the title, for example).
    - Click **Search** to view results.
6. **Review Cited and Related Articles:**
    - Beneath each result, there are links labeled **Cited by** and **Related articles**. Click these to see additional papers that reference or relate to the selected literature review.
7. **Access Full Texts:**
    - If the article is locked, try clicking on **[PDF]** links next to the article or check library access through your institution.