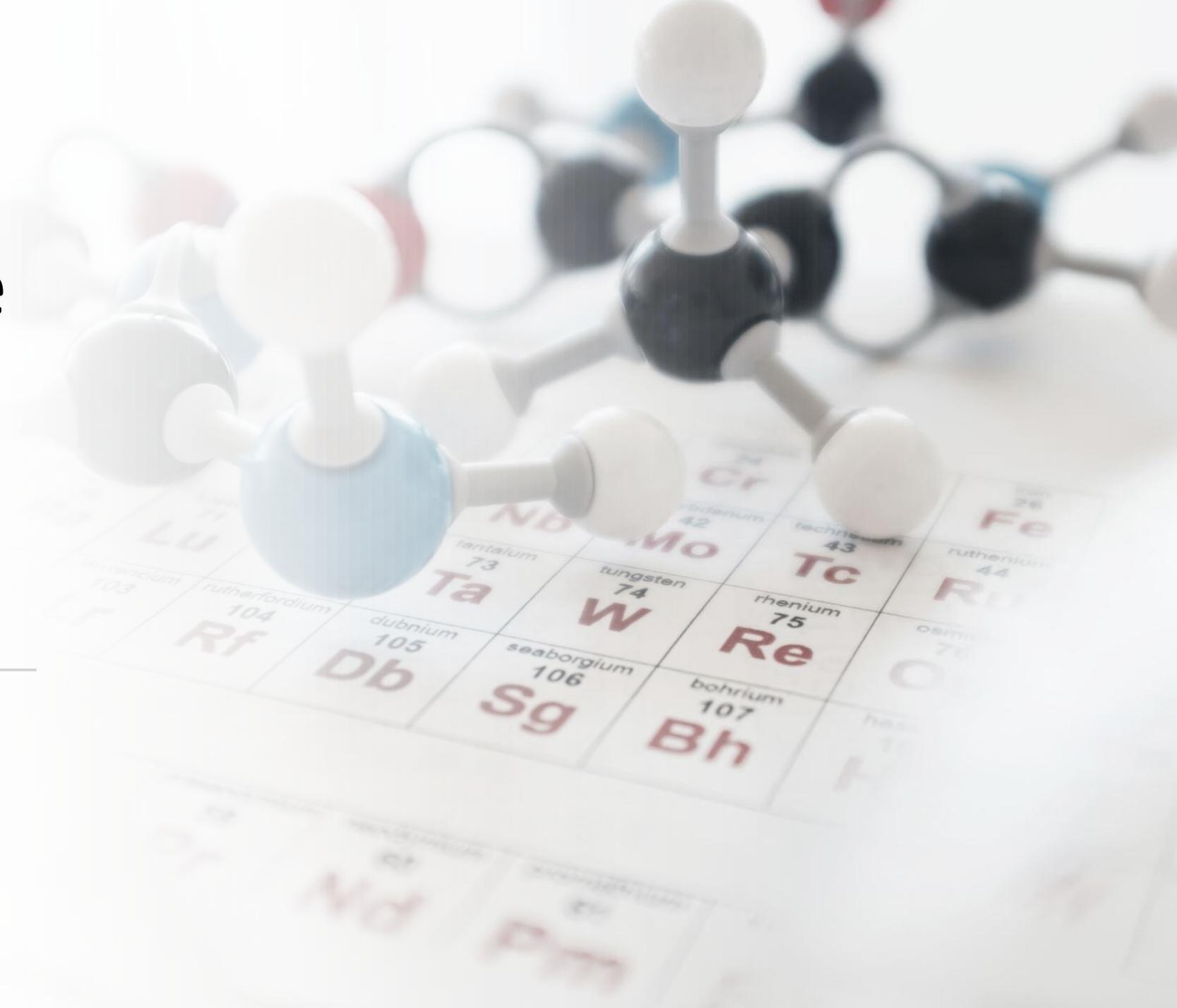


How to Create Scientific Research Poster



Today's Learning Goals

Understand what a research poster is

- Learn the basic structure
- Learn what to write in each section
- Learn useful academic sentences

What Is a Research Poster?

A visual summary of research

- Uses short text, pictures, and graphs
- Explains research clearly and simply

Basic Structure of Research Poster

Title

- Introduction
- Method
- Results
- Discussion
- Conclusion
- References
- Acknowledgements(optional)

Let's look at what to
write in each section!



Introduction

- Purpose of the study
- Background information
- Research question and Hypothesis

Example sentences:

- This research is about...
- The purpose of this study is...

- ✓ Avoid passage.
- ✓ Bullet point (short sentences, key words).
- ✓ Your hypothesis or research objective should be written in one concise sentence.

Method

- What did you do?
- How long did it take?
- What tools did you use?
- Who participated?

Example sentences :

- The stem of the plants were measured ...
- 100 students were asked...
- The experiment lasted...

- ✓ Bullet point.
- ✓ Step by Step instructions in past tense using passive voice.
- ✓ List of materials and equipment you used.

Results

- Main findings
- Important numbers
- Graphs or tables

- ✓ Bullet point.
- ✓ Use past tense (you can use present tense when referring to tables, graphs and figures).
- ✓ Should not discuss why you get the result.

Example sentences:

- The color of the substance did not change....
- The graph shows...

Discussion

- What do the results mean?
- Why are they important?
- Were the results surprising?

Example sentences:

- These results suggest that...
- One possible reason is...
- This may be because...

- ✓ Bullet point.
- ✓ Use past tense when summarizing findings.
- ✓ Use present tense when interpreting results.
- ✓ Do not use the first person (I, we) too much.

Conclusion and Future Plan

- Summary of main findings
- What did you learn?
- What will you do next?

Example sentences:

- This study shows that...
- In the future, we will...

- ✓ A short list of conclusion.
- ✓ A short list of what you are going to do next.

References & Acknowledgements

➤ References

List books, websites, or articles you used.

Refer to 探究メソッド (pp.176,177).

➤ Acknowledgements (optional)

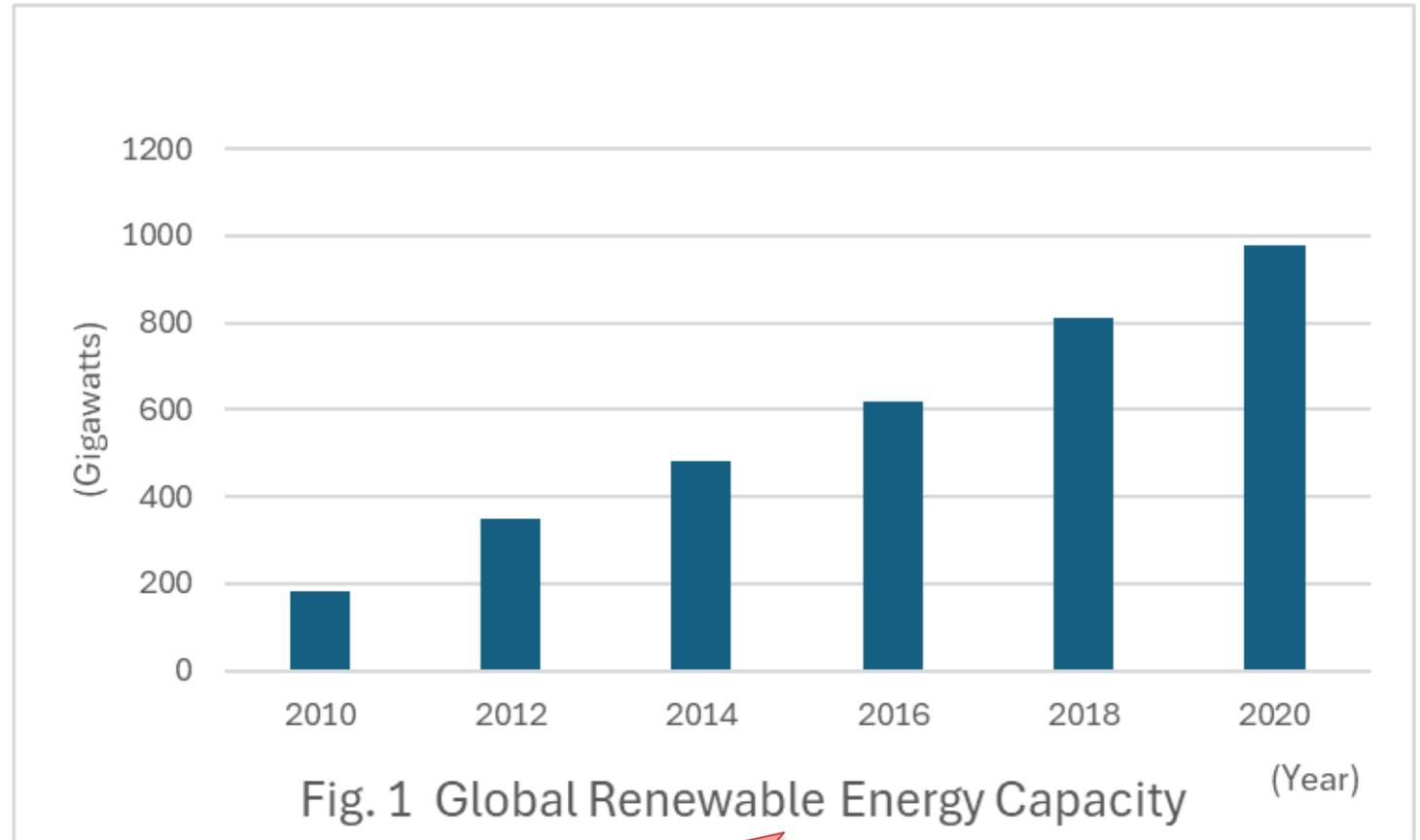
Thank teachers, classmates, or helpers.

Design Tips for Good Poster

- Use short sentences
- Use large, clear fonts
- Use headings
- Do not use too many colors
- Leave some empty space

Clear Graphs and Tables

- Add a clear title
- Label X and Y axes with units
- Use simple words
- Do not include too much information



Put the title under the graph.

Clear Graphs and Tables

- Add a clear title
- Label X and Y axes with units
- Use simple words
- Do not include too much information

Put the title above the graph.

Table 1: Global Renewable Energy Capacity

Year	Capacity (Gigawatts)
2010	180
2012	350
2014	480
2016	620
2018	810
2020	980

Final Checklist

- Clear title
- Use headings
- Short and simple text
- Clear graphs and tables
- References included
- Grammar checked