

WRITING AND READING JOURNAL ARTICLES



What is a Journal Article?

A peer-reviewed body of work within a journal about a topic in a given subject area.

When was the last time you read a journal article ?

Where would you find them ?



Exercise



What are the
comparisons and
contrasts between a
journal article and a
newspaper?

Work in pairs



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Journal Article vs Newspaper

Journal Article

- Objective concise language
- Every statement referenced
- Peer-reviewed
- Clear, defined structure
- Propose ideas, analyse information and prove hypotheses

Newspaper

- Emotive language
- Little to no references
- Not peer-reviewed
- Limited Structure
- Relay information or sell papers



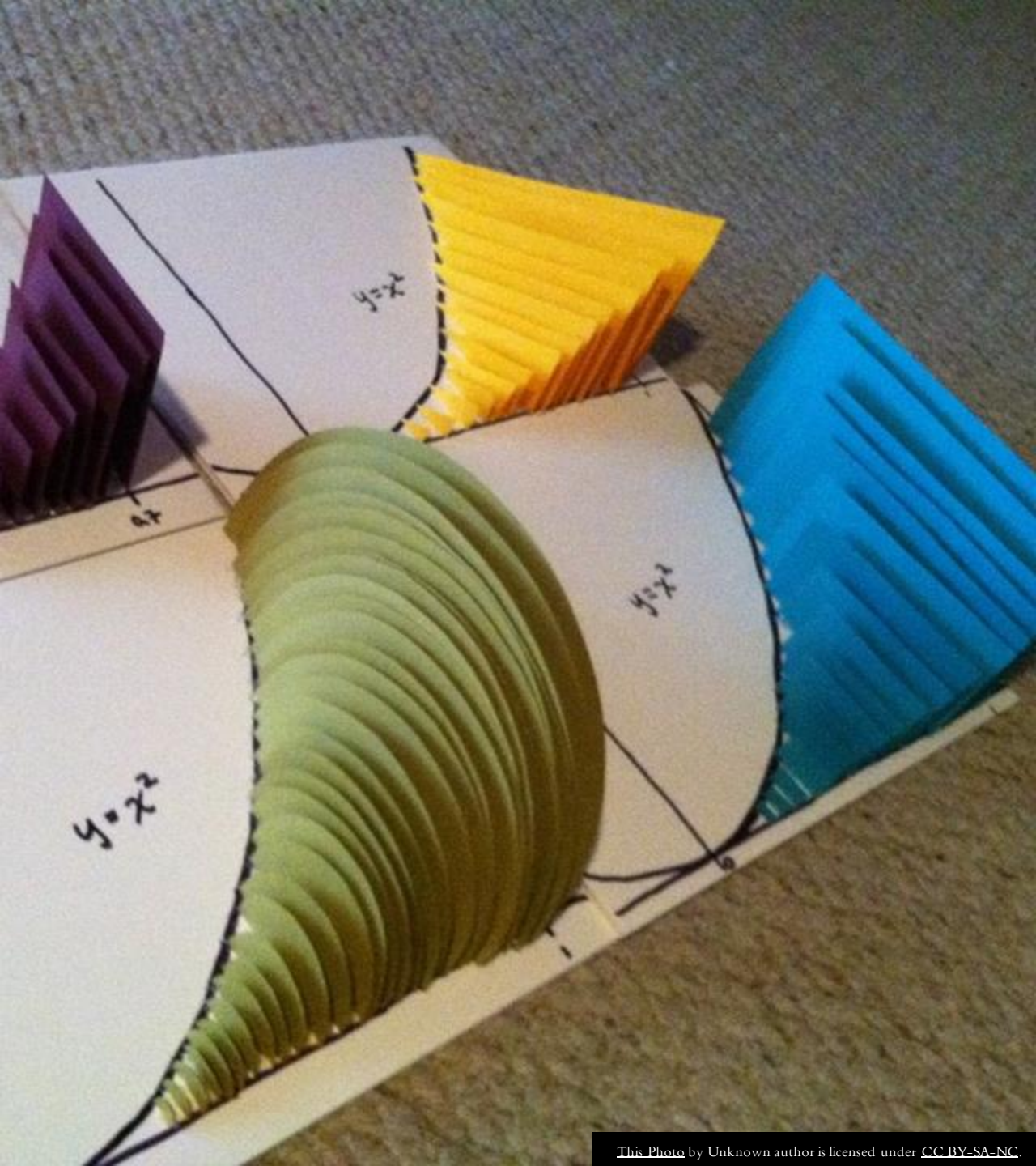
Consideration needed when selecting
articles

Peer-Review

Journal Submission Process

Journal standing





Structure

What sections can be found in a typical journal article ?

- Abstract
- Introduction
- Background knowledge
- Original Contribution
- Results Elicitation
 - Discussion
 - Conclusion



Introduction

- What should be included within the introduction ?
 - Provide Context for your work, Identify your research topic area
 - What specific problem-area needs addressing ?
 - How do you propose to solve it ?
 - Aims & Objectives



Background knowledge

Literature that evidences the presence of your defined problem.

Summary of the work in the field leading up to your area

Certain fields require more theory – Social science is one that values this

End with the topic that provides connection to your work



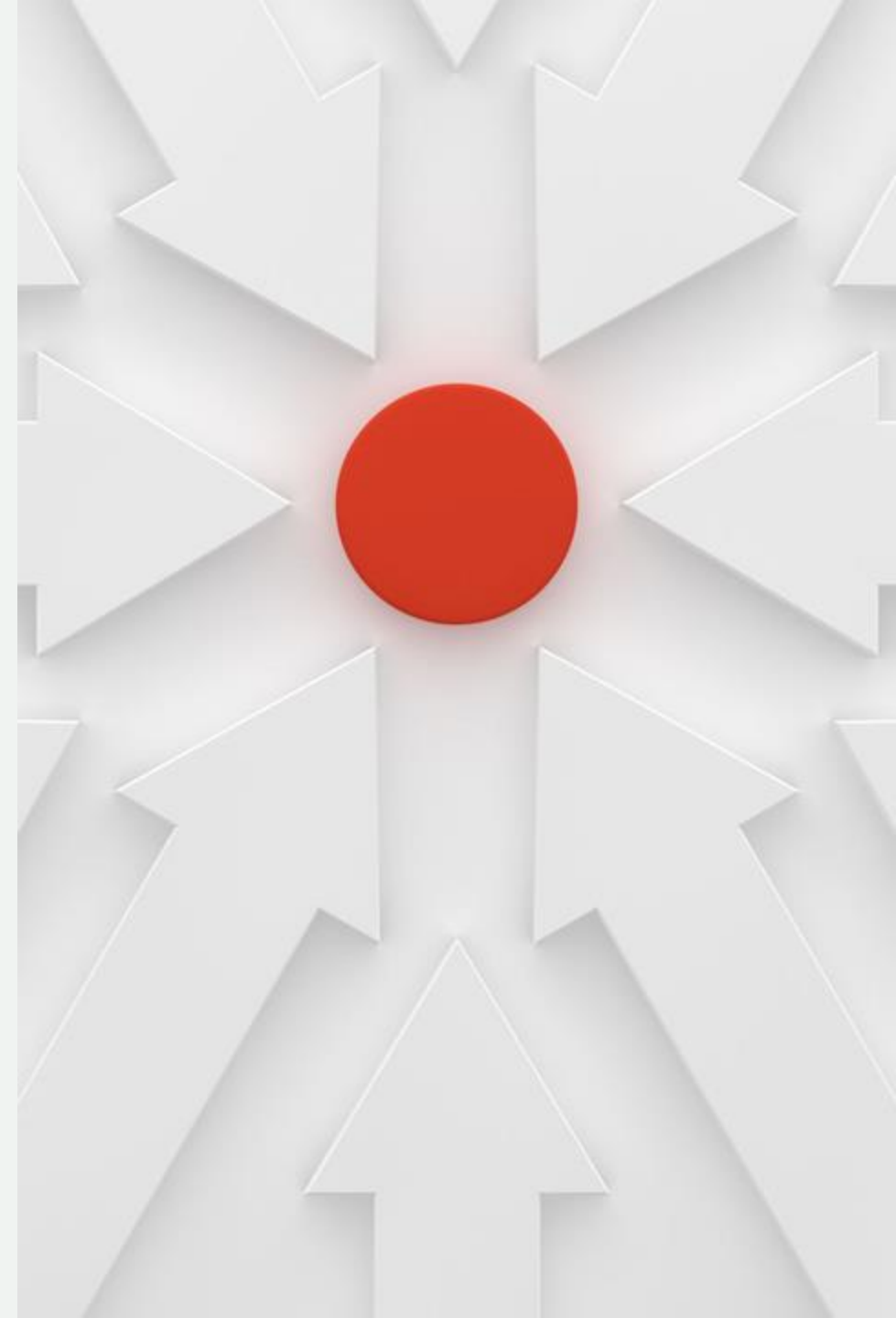
Original Ideas

Provide outline of your proposed ideas – What are you going to do ?

Define boundary parameters (e.g: target population size)

Describe how you will conduct the study

Describe any external impact mitigation



Results

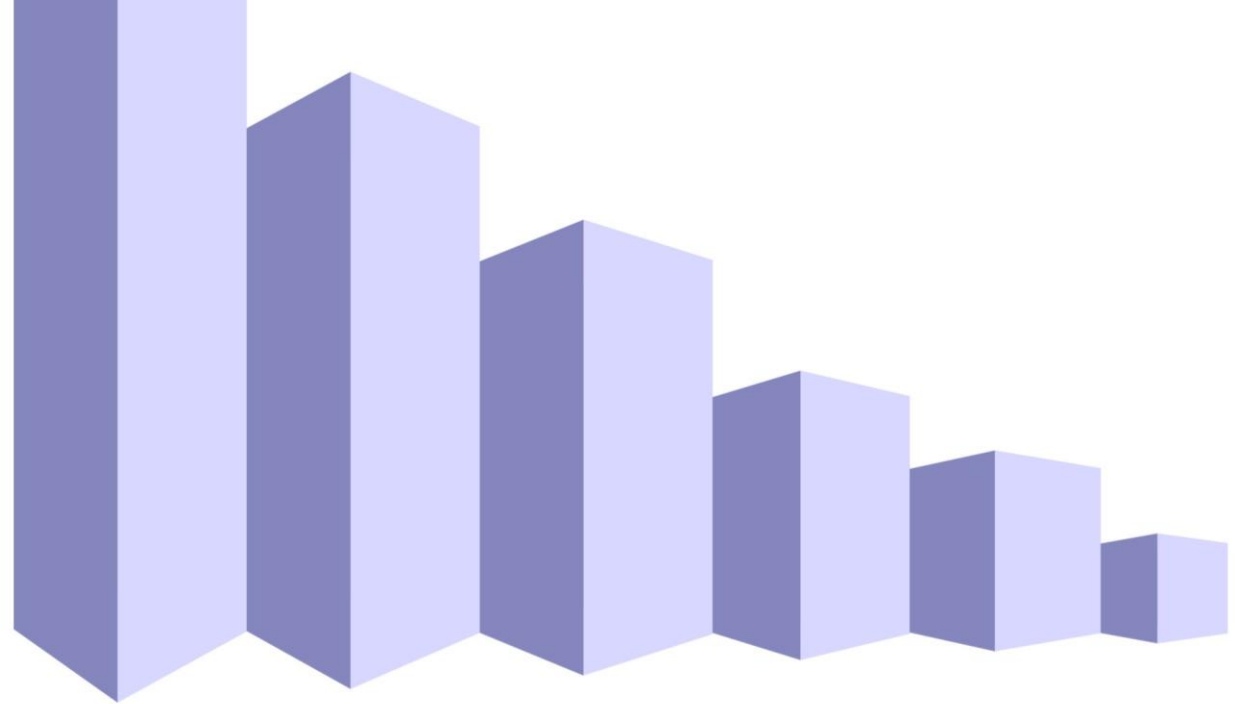
Show results from implementation of your provided ideas



Use tables and graphs sparingly for only the most important data visualisation

Do not repeat data in graphs

Make your results clear



Discussion



Recap aims and objectives of study and how the solution relates to the problem



Summarise results without introducing new information



Relate your study to others in the field



Explanations of unexpected outcomes



Discussion of limitations



Future work

Conclusion

Highlight the main outcome of your implementation

Note what actions implemented had more impact

Did you achieve the points you set out to ?



Abstract



1

Last part that is written

2

Brief synopsis of what your article is about

3

Highlight key subject matter

4

Highlight key ideas

EXERCISE

Working solely find a journal article that consists of all we have discussed





Tips

- Make sure paper is relevant to your topic
 - Keywords
- Syntax used in delivery
 - Read the paper





QUESTIONS

