

Lecture 3// Materials and Methods



WHY it should be clear

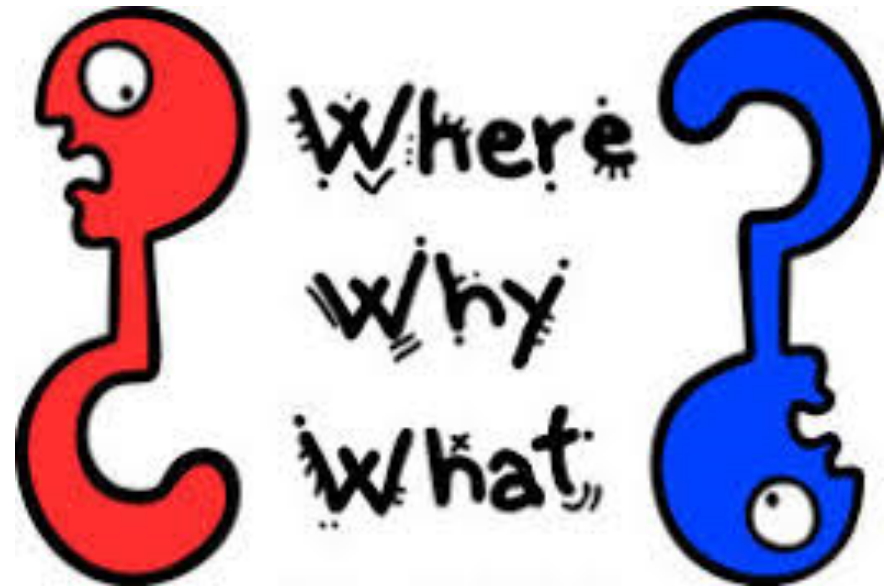
1- Evaluate

2- Replicate

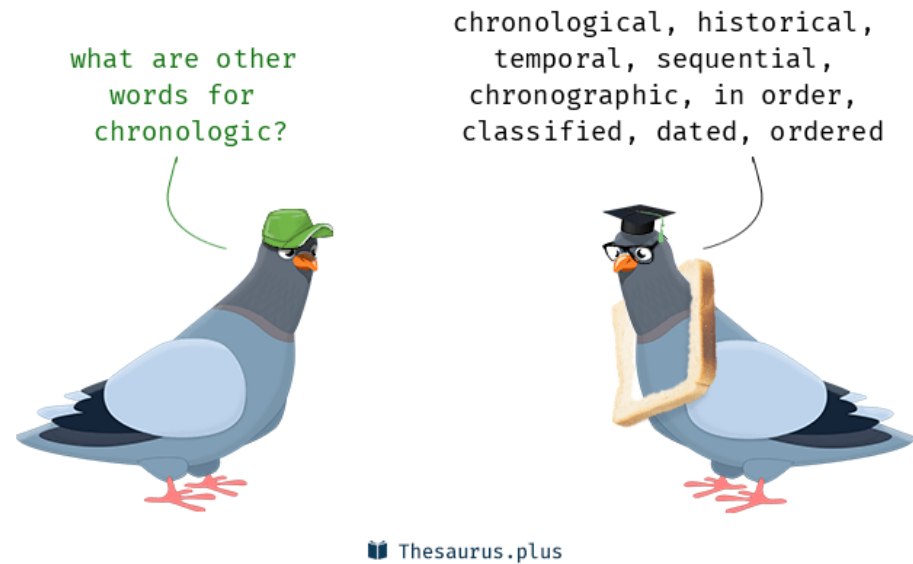


You must describe exactly what you did: what and how experiments were run, what, how much, how often, where, when, and why equipment and materials were used.

The main consideration is to ensure that enough detail is provided to verify your findings and to enable the replication of the study. You should maintain a balance between brevity (you cannot describe every technical issue) and completeness (you need to give adequate detail so that readers know what happened).



- 1- Chronologically**
 - 2- Past tense and third person**
- For example**



sample was incubated at 37°C for 3 days.” -
NOT: “I incubate the sample at 37°C for 3 days.”

3- Experimental design

***4- WHY the procedure was
Achieved***

***5- Supplier of
Equipment, organism, culture***

6- Modification

7- Precise measurements



This presentation was prepared by Del Siegle.
Some of the material is from an earlier
presentation by Scott Brown.

**Experimental
RESEARCH
DESIGNS**

8- Dates and sites of Field study

9- one name for each group

10- Ethics approval



11- Statistical test



12- Edit them

