ordinary notes are uncolored

red highlight aims questions and corrections

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# Chapter 1

Comparison with cooking recipe: list of ingredients and their measurements. Procedure for mixing those ingredients. Final steps to achieve the finished cake.

1.1.1

One should be able to answer the following in a concise manner:

1. What are the contributions of your work?
2. Why are these contributions important?

Evaluating:

1. What is the work's intellectual merit (within its own field)?
2. What is the broader impact (on the world in general)

One should be able to answer questions to these audiences:

1. Experts.
2. Scientists of other possibly related areas.
3. Laypeople.

Scientists should focus on publishing their original ideas and concepts.

1.2.1

Pertinent questions about the results:

1. What are your key findings?
2. What is the importance of your key findings to the field?
3. Are your findings complete?
4. What is the supporting evidence?
5. Do they provide a basis for publication?

1.2.2

Paper in logical order, not chronological.

Focus on ideas that support or promote the research.

**Only clearly stated original ideas and results may be published. ??? é mesmo? Página 23.**

Other questions on planning the research:

* What are we contributing by solving this problem.
* Will we be able to publish the ideas or concepts demonstrated by the results?
* In which venue can we publish this research?

**(pág 24: could para can.)**

**Questionnaire for the researcher. Each question should have associated uses, typical paper section, verb tense, phase of research that it is important to.**

1.2.3

Publications can serve as the nucleus for sharing new findings with members of a community.

Creativity should be demonstrated by ideas and concepts, not creative writing.

Preliminary abstract model: purpose of the research, methods used to carry out the research, results, conclusions.

Alternative: context, objective, design, setting, participants, main outcome measures, results, conclusions.

1.2.4

* title: highlighting a proposed solution to a problem.

**(....to skip reading the paper altogether..)**

* names, affiliations, contacts
* abstract: defining the problem and summarizing the contributions.
* Introduction: background description, description of the problem, its significance, purpose, a critical survey of previous solutions. Gap (solution the paper offers).

**(new contribution this paper offer to)**

* Methods and materials: the research that was conducted and how it was carried out. Details to make the research reproducible.

**(details to make the research reproducible)**

* Results and discussion: **presentation of the outcomes**, interpretation, discussion and results. **(“data” is presented both here and in methods, depending on the nature (data being analysed or data being achieved by measurements).**