

Writing a manuscript

**You should be
thinking about this
when you plan your
thesis research.**

**Clear question in the context of
existing literature.**

Methodology.

Data analysis.

**Basically what story do I want
to tell, and how best to tell it.**

Why publish?

**I worked hard to
get the data!!**

It cost a lot!!

**It is new
information!!**



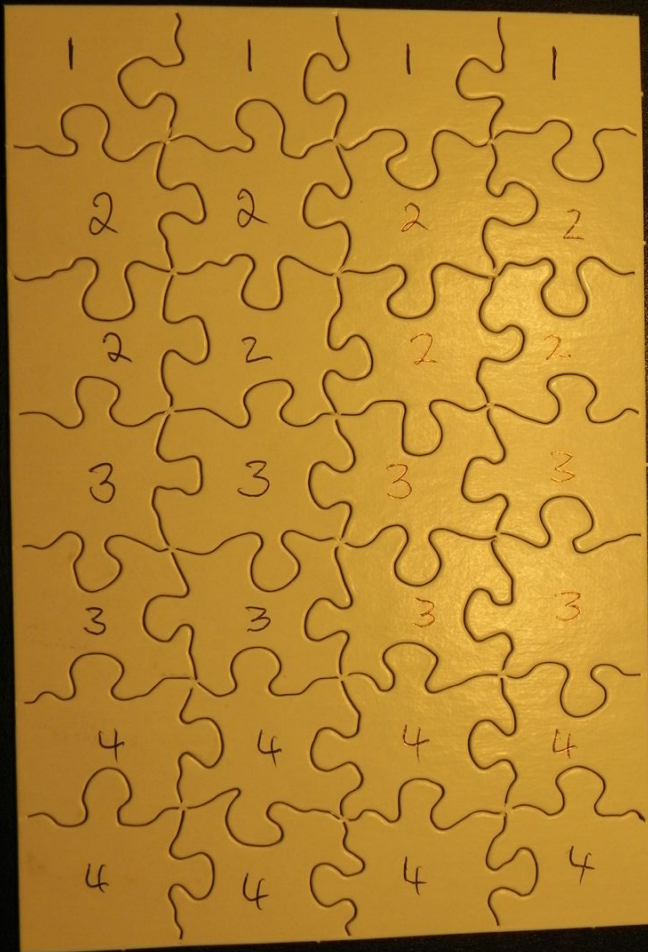
Originality:

An article should contain
facts and *new ideas*,
placed in a valid context.

**However, do
remember you
are writing for
your readers...
not yourself.**







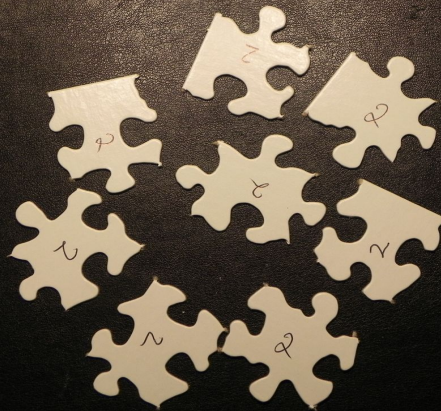
1: Introduction

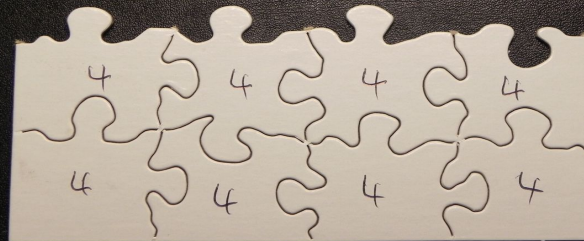
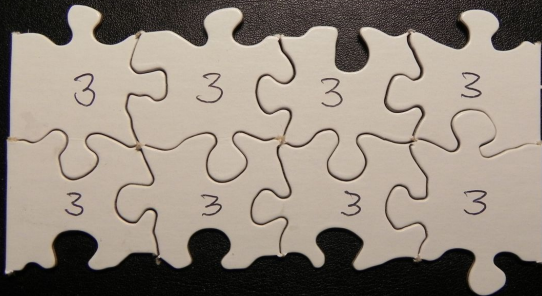
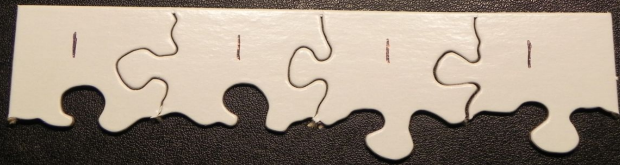
2: Methods

3: Results

4: Discussion









Introduction

- what is the larger framework:
the context of your work with respect
current theories and hypotheses in
the literature
- what are your questions
and hypotheses?

Introduction

Don't have an exhaustive review of the literature here, as you will end up duplicating much of it in the Discussion

Materials & Methods

Give a concise description of protocols, so the reader can

- (i) properly evaluate your results and conclusions**
- (ii) repeat the work if they wish**

Materials & Methods

- it is like a recipe**
- avoid unnecessary information**
- clearly explain the statistical tests used to analyse data.**

Results

**Give a clear and concise
description of the
findings obtained.**

Results

- present the data once, avoid repetition (graph-table)
- try to avoid lots of statistics in the text...when possible include this information in the figure legends or in tables

Discussion

- this is the body of the paper**
- explain the significance of the data obtained**

Discussion

- do so within the context of existing literature
- do not hesitate to postulate new hypotheses or speculate, as long as it is reasonable

Figures and Tables Legends/headings

Stand alone: should be easy to grasp..... even if you do not have the text in hand!!

-Chemicals found in my study

- Pesticide residues found in apples from four orchards in southern Ontario, where different programmes of pest control had been used from 2010-2014.

References

Verify that the works cited in the text are also in the reference list
...and vice versa

Be consistent:

Can. J. Zool. 36(2): 193-20

Can. Jour. Zool. 36: 193-200

**Check it over
(several times)
before you send
it off!!**



AEROGARE



**When the population goes *threw*
(through) rapid fluctuations in
density there is a great deal at
steak (stake) and is most
pronounced when the
population is at its *peek* (peak).**

**In our study male
sexes more than twice
times in his life.**

**Where do you
send it?**

**Clearly, the scope of
the paper will
determine where you
submit it for
publication**

Description of a new
species in the Family
Politicidae: *Fordus*
minicerebralis

Description of a new species
in the Family Politicidae:
Fordus minicerebralis and a
taxonomic revision of the
Family that includes
Harperius conservatum and
Obamus liberalis

**How does the
the process
work?**

**Follow the
guidelines of the
journal when
preparing the
manuscript**

**It will be
reviewed by at
least two
external referees
and an editor**

- Accepted as is**
- Minor revision**
- Major revision**
- Rejected**

Minor revision

Minor editing

Add info to a section

Major revision

Methodology
Data analysis
Editing

**You do not have
to take all
comments at face
value**

PEANUTS

"DEAR CONTRIBUTOR"



"THANK YOU FOR SUBMITTING YOUR STORY TO OUR MAGAZINE"



"TO SAVE TIME, WE ARE ENCLOSING TWO REJECTION SLIPS..."



4-5

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"...ONE FOR THIS STORY AND ONE FOR THE NEXT STORY YOU SEND US!"



**Congratulations on
your publication!!**

