# Cover Page

a. Running head: TITLE OF YOUR PAPER
b. On each subsequent page, header should be TITLE OF YOUR PAPER
c. Page numbers on top right corner of each page
d. Title of your paper centered midway down the page
e. Underneath title, your full name
f. Underneath Name, Institution

# Abstract

a. One paragraph (maximum ¾ page)
   1. 1-2 sentences per section of the paper (why task-switching matters in the real world, what previous research has to say, statement of your hypothesis, brief description of method, results, some discussion topics)

# Introduction

a. Broad Description– Paragraph 1
   1. Discuss task-switching using practical examples; what are the real-world problems to which task-switching is relevant?
   2. Tell the reader that the purpose of the current experiment is to measure task-switching using a laboratory procedure

b. Defining the key terms/concepts – Paragraph 2
   1. Define and discuss the idea of a task set with an example (refer to research that has been done by others)
   2. Define and discuss the idea of task set reconfiguration, and explain how this idea explains the task switching cost. (also define switch cost)

c. Introducing your experiment – Paragraph 3
   1. Briefly explain what the participants will be doing in this task (In this experiment, we will attempt to measure…. by…)
   2. Briefly give predictions for performance in each condition (make your hypothesis CLEAR)
   3. Provide the rationale for your hypothesis

# Methods

The methods section should be a complete recipe that anyone could follow to replicate your experiment. There are lots of details that you can include, some of these are listed below. Be brief and concise

a. Participants: how many people? Where did they come from?
b. Materials: size of computer monitor, program used to carry out experiment, what numbers were used, what tasks were used, what cues were people given as signal to perform each task
c. Procedure: Describe the design of the experiment
   1. What was the independent variable
   2. What was the dependent variable
   3. Within or between subjects?
   4. How many trials
   5. How were the stimuli for each trial chosen
   6. Describe the complete trial sequence--first the fixation cross appeared (for how long), then the cue appeared, then the stimulus appeared (for how long)
   7. Reaction times were recorded
   8. How was the next trial triggered?

# Results

The result section is used to report the patterns in the data, and the statistical support for those patterns. You will compute the results using SPSS in the lab computers.

a. Describe the statistical analysis (t-test? ANOVA?)
b. Tell the reader where they can see the data (Figure # or Table #).
c. You can provide basic descriptive statistics (Mean, SD) in the text of this paragraph. Which one was larger?
d. You will have to make a table or figure to display the data in your paper
e. Describe the pattern of each main effect, followed by proper statistical report (e.g. The main effect of task sequence was significant/not significant:
   $t(df) = \#.\#\#, p<.\#\#.$) or
   $t(df) = \#.\#\#, p=N.S.$

# Discussion

The discussion can be used to briefly restate verbally the pattern of the most important results, and then to relate the results to theory and ideas developed in the introduction.

    a. Highlight the main findings from the experiment
    b. Discuss how the data can be explained by the task set reconfiguration hypothesis
    c. Discuss general importance of task-switching research, suggestions for further research, and potential problems with the current research.
    d. What were the shortcomings of your study? Were there problems with the stimuli, testing conditions, participant previous experience that could have affected the outcome?

# References

Include citations used in the paper. Be sure to have at least 3 references and present them in proper APA style format.
    a. One of these can be the Monsell paper provided.

# Tables & Figures

    a. Create a figure or a table that shows the mean RTs for the task repeat and the task switch conditions
    b. Include Table/Fig #s, Titles, and make sure all axes are labeled