Here is a little guidance on what should be included in each section of your poster:

Introduction

The introduction section to your paper should be used to introduce your topic area, state your hypothesis, and tell us how the hypothesis will be tested. So, if you were investigating the Lys requirement, you might start by writing:

The most recent NCR (1994) lists the Lys requirement of 0-3 wk old broilers as 1.10%.

You might then go on to cite literature that either supports or does not support this requirement.

When referencing papers from the literature, do so using a format similar to one of the following:

Radcliffe et al. (1998) observed a decrease in stomach pH when pigs were fed diets containing 3% citric acid.

or

A reduction in gastric pH has been observed when weanling pigs were fed diets containing 3% citric acid (Radcliffe et al., 1998).

***If only one author is listed then simply list (Radcliffe, 2004)

***If two authors are listed then list both names (Radcliffe and Yager, 2004)

***If there are three or more authors then list (Radcliffe et al., 2004)

Once you have introduced your topic area through references to existing literature, clearly state your hypothesis. Your hypothesis should read something like:

Our hypothesis was that _________________________________.(i.e. the current NRC Lys requirement is too low).

Follow this up, by describing how you tested the hypothesis:

To test our hypothesis, 30 male broilers obtained on the day of hatch were used in a 14 d experiment to determine_______________________________.

This last sentence should lead you directly into your Materials and Methods section.
**Materials and Methods**

The most common mistake that I observed here is that too much time is spent telling me what you did. What is important here is not what you did, but what was done to the birds. So, this section should contain the following information:

- Male broilers were obtained on the d of hatch
- Fed an adjustment diet for 1/3 d
- Randomly allotted to petersime battery cages with nipple waterers and trough feeders
- Housed at 5 birds/pen with 2 pens/diet
- Allowed ad libitum access to feed and water
- Brief description of diets
  - A detailed diet table should be included, but the written description of the diets does not need to provide a lot of detail. Instead it should clearly state the dietary treatments. For example, “All diets were corn-soybean meal based, and formulated to meet or exceed all nutrient requirements (NRC, 1994) except metabolizable energy (ME)”. Diets 1, 2, and 3 were formulated to contain 80, 100, and 120% of the NRC (1994) recommended level of ME for 0-3 wk old broiler chicks.
- Pen BW and feed intakes were recorded weekly
- Mortality was recorded daily
- Description of data analysis- this will be discussed in lab.
You should also have a detailed data table set up in the following format:

**Table 1.** Composition of dietary treatments

<table>
<thead>
<tr>
<th>Ingredient, %</th>
<th>Diet</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybean meal, 48% CP</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dicalcium phosphate</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limestone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vitamin premix</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Calculated Composition**
- CP, %
- Lys, %
- ME, Kcal/kg
- Ca, %
- P, %

List all ingredients in the table and the calculated composition of nutrients that may be relevant to your particular experiment. All tables should appear after the Literature Cited section.

If you have questions, call (496-7718) or email (jradclif@purdue.edu) me. Don’t wait until the last minute.