



Central Arizona-Phoenix Long-Term Ecological Research Project



Bird Research Project Requirements Checklist

- I have completed the required bird counts, each on different days. I have recorded the species observed, how many of each species, and my field notes for each count on the proper form. I am sure I correctly identified each bird, and any stamps earned are on the form.
- I have a completed scale map of my backyard, with major features located. The map looks professional, has a size scale noted, and features have been colored and identified.
- I have clipped samples from the main types of vegetation in my yard, and have brought them to class to identify and press (or I have taken quality photos of the major species for identification)
- I have totaled the number of birds of each species I observed during the entire observation period, and have entered them in alphabetical order on an Excel worksheet. I have made sure my partner lists his/her birds in the same order I have, with the birds we have in common listed first, followed by birds unique to our yards.
- I have prepared a bar graph showing the number of each species of birds I counted in my yard, with the birds listed in the same order as above. All axes of my graph are labeled.
- I have completed a statistical analysis of the bird data collected by my partner and myself, and have calculated whether our counts differ significantly.
- My partner and I have prepared a scientific data presentation poster, according to the guidelines I received. It is complete, accurate, professional in appearance (yet still reflects our unique personalities) and I'm sure it will earn us an "A" on this very important project.
- My research poster has all the following elements:
 - Abstract; Title; Procedure; Data Graphs;
 - Discussion/Conclusion
 - All this, and it's pretty, too
- We have filled out the project evaluation rubric, checking off the boxes accurately.
- I fully expect my poster to be chosen to go to the ASU CAP/LTER center for the research scientists to review – it's that good.