Rubric for Lab Reports/ Research Papers

Overall Paper =12
___ Title appropriate
___ Scientific names correctly represented
___ No spelling errors
___ No grammatical errors
___ Good readability
___ Proper scientific formatting followed

Introduction =11
___ Background information presented (with references), e.g., what have other studies found? 1 2 3
___ Goals of experiment
___ Hypothesis stated
___ Predictions of hypothesis presented
___ References appropriate

Material and Methods =8
___ Species and numbers used in the study
___ Data collection procedures described
___ Any apparatus described and/or illustrated
___ Statistical analyses described

Results =8
___ Data summarized
___ Figures and Tables included, labeled correctly, and referred to correctly 1 2 3 4
___ Results of statistical tests presented (F, P values) for each analysis

Discussion =7
___ States hypothesis was correctly accepted or rejected with rationale for decision 1 2 3
___ Results interpreted in light of other studies
___ References appropriate

Citations =4
___ Proper in-text citation and reference format
___ Correct number and type of references