

Rubric for lab handouts, student-designed labs, lab writeups, and observation activities

General Lab Rubric for Deer Valley HS Science Department

ESLR or Standard

A Self-Directed Learner

A Proficient User of Technology

Foundation Skills

Science Standards

Critical Thinker

Performance Level

Exceptional
(1)

- Turns work in early
- Manages team well
- Keeps all on Task
- Motivates others
- Volunteers for needed work

- Uses multiple media to present information
- Invents procedure and can analyze it for usability
- Can find more than one way to solve a problem

- Work is near perfect
- Uses mathematics to predict or generalize data

- Does extra concepts
- Interdisciplinary within sciences and subjects
- Community Application Found

- Uses data to support analyses
- Recognizes anomalies
- Uses data to explain other phenomena
- Uses data to make predictions

Competent
(2)

- Meets deadlines
- Supports team efforts
- Does needed work when asked

- Typed on word processor
- Appropriate use of equipment
- Cares for equipment with careful handling
- Collects data or background info through research
- Follows directions well

- Can create, use, and interpret graphs
- Proper use of grammar and spelling
- Clear writing to appropriate audience
- Mathematics supports work

- Includes analysis, conclusion
- Based on their own data
- Appropriate style (hypothesis vs. observation)
- Understands structure of lab

- Analyzes data correctly
- Can read valid conclusions

Needs Improvement
(3)

- Work turned in late
- Does not complete own portion of lab

- Does not return or equipment or returns it broken
- Can only do preset tasks

- Mathematics skills insufficient to complete task
- Lacks supporting detail

- Missing essential steps
- Conclusion mismatch
- No data or inappropriate data or graph

- Cannot analyze data
- Reaches no conclusion or invalid conclusion