

Lab Documentation Proficiency Rubric

Physics 11 - Mr. Gullo

EMERGING

Beginning to grasp fundamental concepts of experimental documentation, requiring significant guidance with frequent procedural and theoretical gaps.

- Submits work more than 3 days late without communication, uses incorrect file formats, and leaves significant work incomplete
- Misunderstands core theory or fails to follow required procedures, producing unreliable data
- Captures basic equipment photos and group portrait with minimal attention to composition
- Documents experimental steps with inconsistent detail or focus
- Shows limited awareness of scale references and environmental context

DEVELOPING

Shows growing understanding of documentation principles with minor procedural errors, needs support in execution.

- Submits 1-2 days late or requests last-minute extensions while generally following format requirements and completing most work, though it may be rushed
- Follows most procedures correctly but shows incomplete theoretical understanding affecting some data quality
- Creates clear equipment photos and group portrait with basic compositional awareness
- Records major experimental transitions with adequate detail
- Includes basic scale references and some environmental context

PROFICIENT

Demonstrates solid comprehension of documentation methods, working independently with correct procedures.

- Submits on time with proper formatting, communicates about potential delays, and completes all components thoroughly

- Demonstrates sound theoretical understanding and follows procedures correctly, collecting reliable data
- Produces well-composed equipment photos and engaged group portrait
- Captures complete experimental progression with appropriate detail
- Effectively integrates scale references and environmental context

EXTENDING

Shows advanced understanding and creative capability in documentation with exceptional theoretical application.

- Submits quality work ahead of deadlines, maintains clear communication, prepares well for known absences, and creates systems for tracking requirements
- Shows deep theoretical insight and adapts procedures thoughtfully when needed, ensuring high-quality data
- Creates compelling visual narrative through thoughtful composition and sequencing
- Documents subtle experimental details and transitional moments
- Innovatively incorporates context and scale while maintaining technical precision