

Lab Documentation Proficiency Rubric

Experimental documentation and data collection

EMERGING

Beginning to grasp fundamental concepts of experimental documentation

- Submits work more than 3 days late without communication
- Misunderstands core theory or fails to follow required procedures
- Captures basic equipment photos with minimal attention to composition
- Documents experimental steps with inconsistent detail
- Shows limited awareness of scale references and environmental context

PROFICIENT

Solid comprehension of documentation methods, working independently

- Submits on time with proper formatting and communicates about delays
- Demonstrates sound theoretical understanding and follows procedures correctly
- Produces well-composed equipment photos and engaged group portrait
- Captures complete experimental progression with appropriate detail
- Effectively integrates scale references and environmental context

DEVELOPING

Growing understanding of documentation principles with minor errors

- Submits 1–2 days late or requests last-minute extensions
- Follows most procedures correctly but shows incomplete theoretical understanding
- Creates clear equipment photos with basic compositional awareness
- Records major experimental transitions with adequate detail
- Includes basic scale references and some environmental context

EXTENDING

Advanced understanding and creative capability in documentation

- Submits quality work ahead of deadlines with clear communication
- Shows deep theoretical insight and adapts procedures thoughtfully
- Creates compelling visual narrative through thoughtful composition
- Documents subtle experimental details and transitional moments
- Innovatively incorporates context and scale with technical precision