

Suggestions for Assessing with Science Notebooks:

Rubrics:

Can be found or created for most entries. Consider having both teacher and student evaluate using the rubric

Checklists:

Checklists identify required elements for types of notebook entries. Similar to rubrics, somewhat less cumbersome but also possibly less informative.

Probing Questions:

Reflective questions generally designed to elicit student misconceptions about a particular topic. There are a number of possible formats for these questions (see Curriculum Topic Study for examples)

Gatekeeper Questions:

In some activities it is possible to identify one or two questions that encapsulate the student's understanding and may be the only ones graded individually by the teacher.

Sign Offs/Check Ins:

Identify points in a lesson where students should check in with you for conceptual understanding or process follow ups during a lesson.

Drive By's

Teacher identify certain understandings or skills they wish to evaluate and as students work they circulate with a check sheet or make notes on a class list.

Best Example:

Allow students to select their "best example" of a particular item to be scored. Ex: "We have written three conclusions in the last two weeks, chose your best example for a grade"

Notebook quizzes:

Mainly used for participation checks, but may also give some information about understanding. Students answer questions about activities using their notebook. "Ex: What was your answer to question 3 from lab 6."

Just this one:

Identify one piece of an activity or a particular skill that will be evaluated "On this lab I will be grading your graphs"

Understanding Scale

Mainly for self evaluation, but may also be used by the teacher, students mark their understanding of a concept or ability to on a skill on a scaled line.

Others: