

Master #: _____

Date: _____

Initials: _____

Science Item Review Criteria for _____

Review the following items to identify any major red flags (). If you find one or more red flags, consider the purpose of the task and the evidence gathered to determine whether the item warrants further review.

Also consider any support materials, such as information about the item and answer keys or rubrics that are provided to students or teachers.

Question	Yes	No
1. Does the task <u>require</u> students to perform the action(s) required in the specified PLD?		<input type="checkbox"/>
2. Does the task follow the format of the specified task model?		<input type="checkbox"/>
3. Can the specified disciplinary core idea (DCI) be linked back to a foundational phenomenon?		<input type="checkbox"/>
4. If a stimulus is provided, does it support the task (as opposed to seeming dropped in)?		<input type="checkbox"/>
5. If a stimulus is provided, is it real-world and, if taken from a source, appropriately cited?		<input type="checkbox"/>
6. Can significant portions of the task be completed successfully by using rote knowledge (e.g., definitions, prescriptive or memorized procedures only)?	<input type="checkbox"/>	
7. Do students need to use scientific reasoning to complete the task?		<input type="checkbox"/>
8. Does the task <u>require</u> students to use some understanding of the specified disciplinary core idea (DCI) to complete the task?		<input type="checkbox"/>
9. Do students <u>have to</u> use the specified science and engineering practice(s) (SEP) to successfully complete the task?		<input type="checkbox"/>
10. Do students <u>have to</u> use the specified crosscutting concept(s) (CCC) to successfully complete the task?		<input type="checkbox"/>
11. Are the dimensions integrated in the task the student must perform?		<input type="checkbox"/>
12. Is the task clear and understandable from the student perspective for all students at this grade level?		<input type="checkbox"/>
13. Are all aspects of the item scientifically accurate?		<input type="checkbox"/>
14. [MC Only] Does the item have one and only one correct answer?		<input type="checkbox"/>