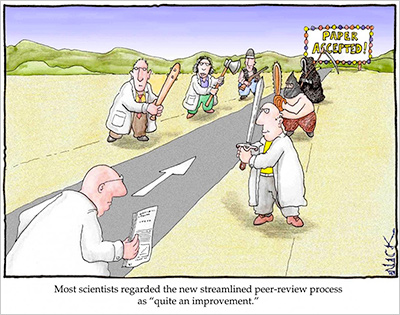
**Official Peer Reviewer Authorization Form**

|  |  |
| --- | --- |
| **Topic** | Scientific Inquiry |
| **Benchmark**[**SC.CH.1.6**](http://165.248.72.55/hcpsv3/imr/report_by_code.jsp?code=SC.CH.1.6) | Engage in and explain the importance of peer review in science |
| **Sample Performance Assessment** | The student: Examines a peer’s chemistry investigation for logic and validity based on evidence. Explains the importance of peer review to the process of scientific inquiry. |

**Why is peer review important in science?**

**“Scientific peer review,** is a quality-control system that requires all new scientific discoveries, ideas and implications to be scrutinized and critiqued by expert scientists before they become widely accepted.” (Harris).

Please watch: “Peer Reviewing 101 Screencast” to complete1-6.

1. Who would be considered your peer?
   1. Your mom b. a teacher

c. another student in chemistry class

1. What does R.E.D. stand for?

R: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write an example of non-R.E.D. feedback:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_

1. Why is the example you wrote for number 3 a non-R.E.D. example?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Please re-write your answer to number 3 so that it is in the R.E.D. format.

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1. What is the purpose of peer review in this class?

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Congratulations!

This certificate certifies that

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

is officially an authorized Peer Reviewer and is hereby authorized to peer review students’ laboratory reports.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date Chemistry Teacher