

Hi there!

I'm glad you're using this resource. Continue to check our website (realsciencechallenge.com) to find more resources. And, sign up for our newsletter to receive updates on materials that will be available soon.

I spend countless hours writing, researching, editing and generating graphics/charts for each question. I want to continue creating useful content for you to use - however, I also want to ensure my work is fairly compensated.

Therefore, below are the terms and conditions for use of our materials.

What is allowed:

- photocopying our content for your students to use.
- posting a copy of our content (ie. questions, rubrics) on a password protected site for your students to access and/or complete.
- copying our questions into your tests or assignments. Please give credit in this case.

What is not allowed:

- Selling our content.
- Repackaging our content in your own materials and then selling it. NOTE: giving credit to us still does not make this okay.
- Distributing and/or posting our content online (for example, on social media or a blog).

Thank you for supporting us. And, we look forward to helping you with your teaching practice. Please feel free to reach out to us if you have any questions or suggestions.

Sincerely,

Kent
REAL Science Challenge Founder
Science Department Head (Burnaby South Secondary)

Notes: Are There Retests in Standards Based Grading?

- Traditional marks book setup focuses on mastery of information and content. Since specific content will only appear only on specific tests, students who don't do well on specific content would want a retest for the corresponding test.
- A marks book setup where students are assessed on curricular skills and practices using Standards Based Grading focuses on mastery of skill. If a student doesn't do well on specific skills, they are given other opportunities on future tests to demonstrate mastery of that skill. Thus, I don't have to give a retest when the focus is on skills and practices because those skills come up over and over.
- Content still appears on tests. But the content is what I use to evaluate the skills. For example, the argument students craft on a chemistry test need to include chemistry ideas in their response in order for it to be considered PRF or EXT.

Traditional Marks Setup

	Score
Atomic Structure Test	16/20
Chemical Naming Test	16/20
Balancing Chemical Equations Test	3/20
Types of Chemical Reactions Test	18/20
Factors Affecting Reaction Rates Test	17/20
Overall:	70/100

Standards Based Grading Setup

	Evaluating Data	Making Models	Writing Argument
Atomic Structure Test	DEV	DEV	DEV
Chemical Naming Test	DEV	PRF	DEV
Balancing Chemical Equations Test	EMG	EMG	EMG
Types of Chemical Reactions Test	PRF	PRF	PRF
Factors Affecting Reaction Rates Test	EXT	PRF	EXT
Overall:	PRF	PRF	PRF