

Dr. Seuss Post-Assessment Answer Key

1. The Grinch wants to determine the most effective way to carry a heavy load up Mount Crumpit quickly. One way he tried was by attaching rocket boosters to his sleigh. Another was by feeding Max, his sleigh pulling dog, a super-charged energy breakfast. He found that the super-charged energy breakfast was most effective. What is the best way for him to make sure that his results are valid?

- A. Try it with a different dog.
- B. Add another rocket booster
- C. Repeat the experiment.
- D. Measure the mass of the sleigh before starting.

2. Dr. Mary Lou LaRou has made a very exciting “Whoscovery” in her Wholab. What is the BEST way for her to communicate what she found to other scientists?

- A. Hold a meeting and tell other people about it.
- B. Publish it so that other scientists can test it.
- C. Post it on the internet and label it as a fact.
- D. Do a new investigation about something else.

3. What should be the purpose of an engineering project?

- A. To prove that it is better than other engineering projects.
- B. To bring the engineer a significant amount of money.
- C. To show that the engineer is smart and correct.
- D. To solve a problem that the engineer is focused on.

4. If you are going to the Street of the Lifted Lorax, and you know that you are going to have to make a presentation on it when you get back to Who Elementary, what is the MOST EFFECTIVE protocol for remembering your observations?

- A. Buy a souvenir plant fact sheet at the Oncelers’s Gift Shop
- B. Carry a notebook and a pencil to record observations.
- C. Look for information about the Street of the Lifted Lorax online.
- D. Have a discussion with your classmates about it when you get back.

5. What does an engineer do?

Some form of the following: They solve problems. They follow the engineering design process. They do not need to state all of this to have a correct answer. The goal is that everything they include in their answer is correct.

Name: _____ Class: _____ Date: _____

6. How did you behave like an engineer during this project?

Students should state the same answer in number seven and/or be more detailed about taking part in the different steps in the engineering design process, as well as about sharing their designs with their engineering community and persevering through failure. They do not need to state all of this to have a correct answer. The goal is that everything they include in their answer is correct.