

Dr. Seuss Pre-Assessment Answer Key

1. The Grinch wants to determine the most effective way to carry a heavy load up Mount Crumpit quickly. He tried attaching rocket boosters to his sleigh. He also tried feeding Max, his sleigh-pulling dog, a super-charged energy breakfast. Surprisingly, 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.