

**Rosie Revere’s Flying Machine Pre/Post Test**

1. What is an example of a force?

1. A magnet pulling on a nail
2. A brother pushing his sister to the ground
3. A book sitting on a desk
4. All of the above

2. When two forces are balanced:

1. An object moves
2. An object stays in the same place
3. An object begins to bounce
4. An object will at first stay in the same place, and then eventually begin to move

3. When you do an engineering project:

1. you must use expensive materials in your design
2. you can use things that you have on hand to represent other materials for your design
3. It is best to order a kit, especially for the idea that you want to test
4. engineers only sketch ideas, not test them, so you don’t need materials

4. What is the MAIN difference between a scientist and an engineer?

1. Scientists study questions about nature and engineers design something to solve a problem
2. Scientists work with living things and engineers work with non-living things.
3. Scientists wear lab coats and engineers wear suits
4. Nothing, they are both titles for the same job.

5. Have you ever thought about being an engineer?

1. Yes
2. No

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1. b.

2. b.

3. b.

4. a.