

Name _____

Sealed Containers And Conservation of Matter

Open-Ended Response Answer Key

1. Sample: "I mixed lemon juice and baking soda and saw bubbles.
The gas went into the air, but the matter wasn't gone—it just changed form."
2. Sample: "So they can check if any matter was gained or lost and prove that it stayed the same."
3. Sample: "They might think matter disappeared if gases escape.
That would make the results confusing."
4. Sample: "It shows that when food cooks or soap bubbles pop, the matter doesn't vanish—it just changes into something else."

