**Separating a Mixture Virtual Lab** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Getting Started:

* <https://www.fossweb.com/delegate/ssi-wdf-ucm-webContent/Contribution%20Folders/FOSS/multimedia/HTML5_Assets/Tutorials/Separating%20Mixtures/index.html>
* Click the “Get Started!” Button

***Mixture One:***

1. What were the substances contained in mixture one?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Which substance did you have to remove first? How did you remove it?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Which substance did you remove next? How did you remove it?

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4. Why was it necessary to add water before separating the sand and the salt?

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***Mixture Two:***

5. What were the substances contained in mixture two?

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6. Which substance did you have to remove first? How did you remove it?

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7. Which substance did you remove next? How did you remove it?

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8. Why was it necessary to add water before separating the salt and the pepper?

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***Mixture Three:***

9. What were the substances contained in mixture three?

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10. Which substance did you have to remove first? How did you remove it?

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11. Which substance did you remove next? How did you remove it?

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12. Why was it necessary to add water before separating the glitter and the beads?

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***Analyze and Conclude:***

13. Why do you think the salt was able to get through the coffee filter, but the sand, glitter, and pepper could not?

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14. Would the salt have been able to get through the coffee filter if it had been dry? Why or why not?

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