

Conclusion (Required)

1. Conclusions must be written in paragraph form. Do not number or bullet a conclusion.
2. Restate the purpose / question/ problem.
3. Tell whether you accept or reject the hypothesis based on the results from this experiment.
4. What did you learn in this lab?
5. Now I wonder? (What are possible further experiments or questions that you could ask based on this experiment?)

The purpose of the separating mixtures lab was students will observe and predict the order of settling in a mixture. My hypothesis was if we shake the mixture and allow it to settle, then the contents will settle in layers the heavier contents (perlite, clay, gravel) will be on the bottom while the lighter contents will be at the top (water, soil, sand). I reject my hypothesis because perlite was at the top and soil and sand were at the bottom. I learned that not all the materials in the mason jar will all settle in perfect layers and some will blend together. Now I wonder what would happen if we conducted the experiment with mixtures that already settle.

Good