

Name _____
Period _____

Date _____
Benchmark 8.4

The student knows what a mixture is and various methods to separate mixtures into their component parts

4 – The assessment clearly shows that the student understands what mixtures are; explains the difference between homogeneous and heterogeneous mixtures and sites examples; lists and explains various procedures for separating mixtures; understands what colloids are, lists several examples and distinguishes each from one another (sols, gels, emulsions and foams).

3 – One or more of the elements listed above are missing. The assessment is turned in late.

2 – The student does not demonstrate a clear understanding of the benchmark; several errors made; several elements left out; the assessment was poorly done; the assessment was turned in late.

1 – The assessment is not what was required.

Students must turn in two labs on the benchmark that were created by the teacher and turn in one additional assessment from the list below for this benchmark. If the student fails to turn in one or both labs, they must complete two or three assessments from the following:

1. Create a graphic webpage.
2. Create a blog. Entries must be added every day or two. Pre-approval required.
3. Create a comic strip.
4. Write a short story.
5. Write a poem.
6. Create a graphic children's book.
7. Create a graphic poster.
8. Create a PowerPoint or Google Slide presentation that includes pictures.
9. Create a video or movie (no trailers).
10. Create a "science talk show" and be the subject of an interview about the topic. This can be done by two people.
11. Create a live character (costumes and accents encouraged), and do a presentation to the class that includes a question and answer time with the students.
12. Create a game that students can play in class. (no crosswords or word search puzzles)
13. Create an assessment that could be given to students to test their knowledge and understanding of the benchmark. The assessment must include an answer key. (no Quizlets, Quiziz, Jeopardy or similar online games)
14. Turn in your notebook.
15. Take a test prepared by the teacher.
16. Create your own assessment. (Get teacher approval first!)