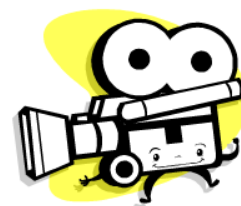


Experiential Entry:
“Change: Rated G”



Objectives:

- observe and describe properties of materials, such as density, conductivity, and solubility
- distinguish between chemical and physical changes
- develop your own mental models to explain common chemical reactions and changes in states of matter.

Purpose:

To use your prior knowledge of concepts of matter such as its properties and changes of states to create an educational movie with the purpose of educating your peers on what you know.

Task At Hand:

- ☐ You will be creating an iMovie or a MovieMaker movie on Matter. Your job is to present the material in either a lecture format with a board and animation to stress your points or in a narrative documentary style using excerpts from other films, animations, flash videos, or your own homemade videos.
- ☐ Your target audience is your fellow classmates and those of younger grades.
- ☐ You are to make sure that the movie contains the following
 - A title screen with opening credits
 - Short films, animations, or flash videos on each of the objectives in the unit. You may want to create a checklist to make sure that you have covered the necessary topics in the movie.
 - Your movie must not violate copyright Fair Use. Make sure to download the “Fair Use Brochure” from the network folder to remind yourself of the Fair Use provision of the copyright law.
 - You may use sound effects and movie effects ONLY if it is stressing a point in the objective.
 - Your movie must be between 10 - 15 minutes and must be burned to a DVD or CD.

Evaluation

Allow 3 different classmates to view your movie on their own time. Ask for their feedback on a written sheet of paper. You will develop a questionnaire for feedback. Possible questions to ask of your peers are as follows:

- 1) Were the properties of matter such as density, conductivity, and solubility explained in the story?
- 2) Were chemical and physical changes explained in the story?
- 3) Did the story propose a new way of thinking about chemical and physical changes?
- 4) Ask for feedback on the movie, the sound, the transitions between different clips and any writing on the screen... was it too busy, too wordy, too many effects, too boring?

When finished, film yourself in a reflection video. Include your assessment of the project, the strengths and weaknesses of your movie according to your peers, the difficulties involved in making your movie, and any suggestions for improvement for both the task and the content. This video should be a second clip on your DVD or CD. Present this film to the teacher for review and schedule a presentation with the class after teacher approval.