

Making Mixtures Group Activity

Students work together in small groups to make a mixture, then present about their activity to the rest of the class.

Week 1: Mixtures Assigned to Groups/Planning Time

Each group will be assigned one of the mixtures from the Making Mixtures handout (in the Course Reader). After reading over the directions for your group's mixture, agree on who will bring which materials to class next session. Make sure that your group will have everything needed to make your mixture. Share your contact information with everyone in your group.

Attendance is very important. If you are not going to be able to make it to class, you will need to let someone in your group know as soon as possible so they can cover for you.

My group's mixture is: _____

I am responsible for bringing: _____

Names and contact information for groupmates:

Week 2: Groups make mixtures and do in-class group presentations (10 pts.)

Students bring assigned ingredients, bowls, spoons, etc. to class. Working with your group, you will prepare your mixture. You will then work with your groupmates to prepare your in-class presentation. After the group presentations, everyone will get the chance to walk around and see/play with the other group's mixtures.

Presentations will be 5-10 minutes. In your presentation, respond to the following questions:

- 1) Which mixture did your group make? Show it to the class. What were the ingredients? Describe the steps/process for making your mixture.
- 2) What did you like/not like about this mixture?
- 3) How would you organize and facilitate this activity with children to encourage their curiosity and scientific thinking?
- 4) What advice do you have about how to set up the materials to make them most appropriate (safe, easy to share, etc.) for young children?
- 5) What other tips, suggestions, and ideas for variations do you have for doing this activity with children (think about different ages and settings)?

Grading for Group Presentation: 10 possible points. Grading is for the group, not individuals. Absent group members do not lower group grade. Each response to the questions above will be scored on a scale from 0-2 pts. All group members need to participate equally in the presentation.

- 2 - Question was fully answered
- 1 - Question was partially answered
- 0 - Question was not answered

