

Soup or Solid? Exploration

Problem:

How do the properties of solids and liquids differ?

Materials:

various substances as available
tray

Procedure:

Separate the solids from the liquids so that you have all the solids on one side of your tray and all of the liquids on the other side of the tray.

Make a list of ways in which the solids differ from one another and a list of ways in which the solids are alike. Do the same for the liquids.

Summing Up:

1. Based on your observations, write a definition of a liquid.
2. Based on your observation, write a definition of a solid.