

Ms. Hurley's Class Density Exploration

Biologist, and OSS Parent, Mrs. Chu did a density exploration lab with our class to go with our unit about matter. Students first had a discussion about lipids or fats, and how milk fat separates from water to form other substances because the lipids are denser than the water in it. Students then took heavy cream and shook it until the lipids lump together and separate from the liquid, or "butter" formed. Next, students calculated the volume, measured the mass and calculated the density of a marshmallow and a piece of potato. Finally, students did a density test in different salt solutions to see if their predictions about which solution each object would float in were correct.

