Activity: Density Column
Create a density column, or a density tower, using common household liquids.

Materials
- Tall clear glass or container
- Salt
- Water
- Markers, 3 colors
- Golf ball (substitutes: small potato, rubber ball)
- Tape (masking or painters tape)

Instructions
1. Attach a strip of tape up the entire side of the glass.
2. Add a layer of salt about 1.5” thick to the bottom of the glass.
3. Slowly pour in water until the glass is full.
4. Allow the salt to settle and the water to clear.
5. Drop the golf ball into the glass.
6. Use the markers to record the water level, the height of the salt, and the top of the golf ball.
7. Place the glass on a window sill or another sunny spot where it can remain undisturbed for the week.
8. Each day, check and record the water, salt, and golf ball heights.
9. Optional: Take pictures of the glass each day.

Questions
- Do you think the height of the water, salt, and/or the golf ball will change over the course of the week?
- What do you think might cause them to change?