



FLUIDS

Cauldron Bubbles*



Find out what happens when you add salt to water and vegetable oil.

- Amount of salt you add

- What happened when you added the salt?
- Why did the vegetable oil go back to the surface?

Learn more about density:

- Water Density
- What's More Dense?

Chromatography



Separate the colors mixed inside a marker.

- Brand of marker
- Type of paper
- Type of liquid

- What color was the marker you used?
- What colors did you see when you added water to the marker?
- Why do you think you saw those colors?

Keep experimenting with color dyes in liquids:

- Color Symphony
- Hot and Cold Water

Color Splash*



Find out what happens when you mix food coloring with water and oil.

- Type of oil
- Type of liquid you add

- Why does the food coloring behave differently in the oil layer than in the water?
- What happens if you mix food coloring with other liquids?

Learn more about liquids:

- What's More Dense?
- Hot and Cold Water

* indicates Spanish version available



Find these activities at the **ZOOMsci** section of the ZOOM Web site:
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