



Stacking Liquids

CAREER CONNECTION

If you are interested in properties of liquids you might be interested in chemistry. The petroleum industry offers many careers in refining liquids for use in industry and homes. Careers in refineries range from **engineers** to **chemists!**

CAN YOU LAYER LIQUIDS?

1. Find a tall clear glass container you have in your home.
2. Measure out equal amounts of seven or more different household liquids into seven different cups. Here are some ideas for liquids that you may have around your home: honey, maple syrup, corn syrup, dish soap, milk, water, ice cube, vegetable oil, baby oil, lamp oil, and rubbing alcohol.
3. Pour each liquid carefully into the center of the tall glass container so that it does not touch the sides of the container. You may wish to add food coloring to clear or white liquids for dramatic effect.

Bonus: Carefully drop solid objects in your liquid. Try dice, ping-pong ball, popcorn kernel, a bolt, bottle cap, etc. How might you separate these liquids? Why don't the liquids mix?