

Topic Homework - States of Matter

TEST



As quickly as you can, drop some Mentos into a bottle of cola... step back out of the way and watch what happens!

Can you explain what is happening?

EXPLORE



Look around your house, supermarket or in leaflets...make a list or stick down pictures of the different solids, liquids and gases you find.

INVESTIGATE

RAINBOW JAR

Kids' Science Experiment



Using different liquids, (e.g. vegetable oil, water, washing up liquid, milk, honey, etc.) pour into a jar and shake it up...watch what happens over time.

Why does this happen?

BAKE



Make chocolate cornflake cakes.

What happens when the chocolate gets hot?
What happens when the chocolate cools down?

Can you explain why this happens?

Were any tricky for you to decide?

Were any a mixture of solid/liquid/gas?

GO ONLINE



http://www.bbc.co.uk/schools/scienceclips/ages/9_10/c_hanging_state.shtml

Work through the interactive simulations

CRAFT



Draw circles or stick down beads/pennies to show what the particles for a solid/liquid/gas would look like inside a jar.