

Activity 2.3 Slime – what is its state?

Making slime

Follow the instructions in the *Student Guide* to make your slime.

What do you observe about the behaviour of your slime?

Discussion:

Is your slime a solid, liquid or gas? Explain your answer.

Newtonian and non-Newtonian fluids

Find Out More

Most fluids are Newtonian fluids. Cornflour slime is a non-Newtonian fluid. How do the behaviours of Newtonian and non-Newtonian fluids differ?

What are examples of Newtonian and non-Newtonian fluids?

What are shear-thickening and shear-thinning fluids? Give examples of each.