



## Term 3



## Pneumatics vs hydraulics

### DETAILS

What are pneumatics (say: new-matiks)? What are hydraulics (say: high-dro-licks)?

Pneumatics are used in all sorts of industries to make things move, such as cranes, the braking systems in cars and even your water pistol!

Hydraulics are based on one important bit of physics: liquids don't squash (unless you use special equipment in which case, they may squash a tiny bit). What will you make? A hydraulic box? A moving hand? A hydraulic bridge or lift? The possibilities are endless.

### WHAT TO BRING

All students should bring in recess and lunch, a water bottle and hat.

