

Title of lab or demo: Take the Plunge!

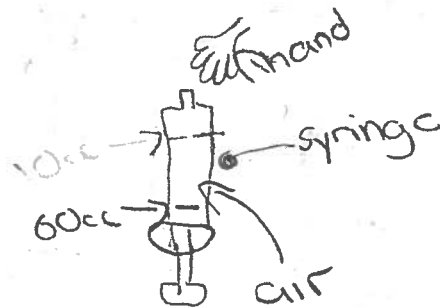
Challenge or testable question: Push plunger of syringe in.

Manipulated variable: Nozzle tip

Responding variable: air left in syringe

Observational diagram and summary sentence(s) (What happened):

no finger	finger tip
all	10cc



Notes on the characteristics of air:

When my finger blocked the nozzle,
the syringe stopped at 10cc

- Air takes up space
- Air moves from high to low pressure.
- Air can be compressed. (and pushes back)

Practical applications:

Tires