

# Build your own Rocket Lesson Plan

Objectives To demonstrate the rapid expansion of gases on heating to generate forward propulsion

## Equipment

- 10 metres of string suspended above classroom out of classroom window
- plastic bottle loosely taped to string with masking tape
- tapers and lighter
- pipette
- fuel such as paraffin.

## Method

- Use pipette to place fuel inside bottle and distribute throughout bottle
- Light tapers and apply to neck of bottle
- With preparation, this demonstration could be undertaken by a student
- This demonstration could also be the winning entry in a class competition to build their own rocket using simple or set materials.