

Title of lab or demo: A slow burn

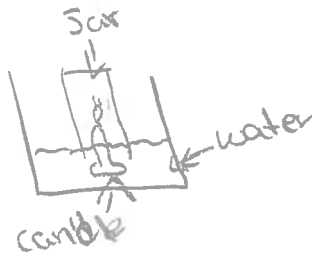
Challenge or testable question: How much oxygen is in air?

Manipulated variable: _____

Responding variable: _____

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

22% O₂ 9%



Notes on the characteristics of air:

When the candle burned out it rose higher

- Air contains oxygen (20%)

- The rest of air nitrogen (78%) argon (1%)

- Anything else (1%) hydrogen, helium...

Practical applications:

- Rusting of a car (oxidation)

- An apple when cut turns brown