

Fizzy Rockets

This session can be made into a series investigating rocket power. Try balloon rockets, air powered rockets and water rockets (a safe outside space is required for water rockets therefore it is unsuitable for lunchtime Clubs). The activity can be further extended by using pH paper or indicator solution to test the acidity of the rocket fuels and predict their rates of reaction.

12 noon	Arrive
12.05	Introduction
12.10	Fizzy Rockets <i>Using film canisters fizzy rockets. Provide members with a variety of rocket 'fuels' – vinegar, lemon juice, coke, water, bicarbonate of soda and effervescent vitamin c tablets. Get members to work in pairs comparing the effectiveness of their chosen fuel and predicting results.</i>
12.40pm	Round up and discussion
12.45pm	Clear up and finish