**Is there too much air in chip packets?**

Planning ahead and equipment list

## Introduction

Equipment needed per group of 2–4 students:

* 1 packet of chips (with a lot of air inside)

## Investigation 1: Modelling a packet of chips

Equipment needed per group of 2–4 students:

* 3 plastic ziplock sandwich bags
* water
* one small handful of crisp chips
* copies of student worksheet [Investigation 1: Modelling packets of chips](http://assist.asta.edu.au/sites/assist.asta.edu.au/files/Worksheet_1_Modelling_packets_of_chips_yr5_%20Is_there_too_much_air_in_chip_packets.docx)

Equipment needed per class:

* one large parachute

## Investigation 2: Does air weigh anything?

Equipment needed per class:

* Packets of chips of different sizes

Equipment needed per group of 2–4 students

* 2 balloons
* 1 set of balancing scales OR a balancing ruler with a string attached to the middle
* copies of student worksheet [Investigation 2: Does air weigh anything](http://assist.asta.edu.au/sites/assist.asta.edu.au/files/Worksheet_2_Does_air_weigh_anything_yr5_Is_their_too_much_air_in_chip_packets.docx)