



Topic: Forces	Year 5/6 Age 9-11	Title: Parachute explanation
Inquiry Focus Review: I can suggest conclusions as a result of carrying out my inquiries.		Concept Context I can explore how the motion of objects can be affected by applying specific forces.

Wednesday 13th November
 LO: to explore forces.
 S.C. Good scientific vocabulary, clear labels, Habits of mind, use your knowledge.

Air Resistance with Parachutes
 when A parachute is opened, the force of Air Resistance overpowers gravity, making The Skydivers fall slower.

Gravity with parachutes
 Despite Air resistance, if the parachute is too small, Gravity is the overpowering force because air resistance can act less on it than it can on a bigger parachute.

Example
 After investigating parachutes, children were asked to explain why the larger canopies fell more slowly.

Children meeting the objective would be able to explain in words and/or diagrams that the size of the canopy affects the amount of air resistance when a parachute falls.

Example from Tongwynlais Primary School, Cardiff