





Rank

Aim	To estimate the vertical lift force produced by a helium-filled balloon.
Materials	1 metre rule 1 retort stand 1 2m length of string 1 100g mass 10 rubber bands 1 pair of scissors
Method	The estimate of the lift force can be derived in any way, but measurements can be made using only the materials provided.
Conditions	_
Time limit	25 minutes
Ranking	The ranking order will be determined by the difference between the estimated force and the force as measured by one of the judges.
Team	Estimated Lift Force
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	Measured Lift Force