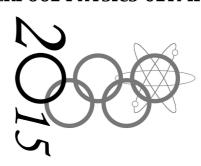
## LIVERPOOL PHYSICS OLYMPICS





## mgh

**Aim** To construct a tower to support the maximum weight at the greatest height above a surface.

Materials 4 sheets of A4 paper 2 m of sticky tape masses scissors

**Method** Construct a tower and then place the masses on it.

The tower must be constructed using only the materials provided.

- The tower must be freestanding and not stuck down.
- The tower must not be touched for at least 10 seconds before a marshal measures the height.

*Time Limit* 25 minutes

**Ranking** The ranking order will be determined by the gravitational

potential energy of the supported masses (the product of the maximum weight supported and the height of the lowest mass

above the surface).

Team		Result	
Do not write belo	ow this line		

Rank	
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