



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.

Conditions

- 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 below this line

Rank