



# Flash Bulb

*Aim* To make a light bulb flash on and off 10 times during a period of 30 seconds.

<i>Materials</i>	1 bulb	1 battery	1 clothes peg	4 nails
	2 retort stands	3 masses	10 paper clips	$\frac{1}{2}$ m rule
	10 rubber bands	string	wire	tape
	scissors	bench		

*Method* Any method may be used.

*Conditions*

- When the 30 second period is started, no team member may touch or influence the experiment.
- Only the materials provided may be used.

*Time limit* 20 minutes from start time

*Ranking* The ranking order will be determined by the time taken to achieve the required flashing as witnessed by a judge, or by the number of flashes obtained.

*Team*

*Time*

*Number*

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Do not write below line

*Rank*