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## THE GREAT SPIN-OFF SPIN-OFF

**PROBLEM:** YOU ARE TO WORK IN GROUPS OF THREE. YOUR GROUP MUST CREATE A DEVISE WHICH WILL SPIN ON THE FLOOR LIKE A TOY TOP OR SPINNING JACK. YOU MAY ONLY USE THE MATERIALS PROVIDED, BUT YOU DO NOT NEED TO USE ALL THE MATERIALS. YOU MAY APPLY A FORCE TO IT ONLY ONCE FOR NO MORE THAN FIVE SECONDS. THE LONGER IT REMAINS SPINNING AFTER THE FORCE IS APPLIED THE MORE POINTS YOU WILL RECEIVE.

**MATERIALS:**

- 4- 6" MILK STRAWS
- 1- 3/4" X 12" MASKING TAPE
- 1- 8 1/2" X 11" SHEET OF PAPER
- 4- TOOTHPICKS
- 4- STANDARD PAPER CLIPS
- 1- 24" KITE STRING

**EVALUATION:** YOU WILL PREFORM THREE TRIALS AND USE THE BEST SCORE FOR YOUR GRADE. YOU WILL RECEIVE POINTS ON THE FOLLOWING BASIS:

PARTICIPATION	20 POINTS
CREATIVITY	30 POINTS
SPINNING TIME (2 POINTS / SECOND)	50 POINTS

**GRADE:**

100 -	90	A
89 -	80	B
79 -	70	C
69 -	50	D
49 -	0	F