Snap Circuits

Project 11: Flying Saucer

This launches the spinning fan blade on the motor when the switch is turned off. Note that it is the same as project 2 except the polarity of the motor is reversed.

Parts needed:

Battery B1
Switch S1
Motor M1
Fan blade
Four 2 snaps
One 3 snap

First layer:

1. Place battery from C6 to E6 with positive end at C6
2. Place S1 switch from E3 to E5
3. Place M1 motor from C3 to C5 with positive end at C3
4. Place three snap from C2 to E2

Second layer:

5. Place two snap from C2 to C3
6. Place two snap from C5 to C6
7. Place two snap from E2 to E3
8. Place two snap from E5 to E6
9. Set fan blade on motor shaft
10. Turn the slide switch on and the motor will turn the fan blade. When the motor has reached maximum speed, after 5 to 10 seconds, turn the switch off. The fan blade should rise and float in the air like a flying saucer.

WARNING: Do not touch the motor or fan blade while operating. Do not stand or lean directly over the fan while operating.