

University of Wisconsin-Platteville
****** 29th ANNUAL "PIONEER 600" CONTEST ******

WHERE: Engineering Exposition, UW Platteville

WHEN: April 2, 2009

WHAT: The Pioneer 600 is a contest for high school students in which each contestant designs, constructs, and races a battery powered model car. The car that travels 20 feet (600 cm) in the least amount of time wins!

PRIZES: 1st, 2nd, and 3rd place winners will receive calculators. 4th through 20th receive "Engineering Expo" T-shirts. Prizes will also be awarded to the best looking car as well as to the car with the most innovative design.

RULES: Competitors can build a car of any design they wish provided that:

1) The electric motor and switch provided with the kit MUST BE USED, and no modifications are allowed to either the motor or switch. That includes adding electrical components in the circuit.

2) The only source of energy is three "AA" batteries. (NOT INCLUDED IN THE KITS)

3) Car must meet size requirements.

CAR KITS: Car kits are available for the cost of \$8.00 each, they include:

- a. 2 AXLES - MUSIC WIRE
- b. 1 4.5 VOLT DC MOTOR
- c. 1 SWITCH
- d. 4 WHEELS - 1 1/8" DIA.
- e. 1 BODY - 1" x 2" x 6" Balsa wood block
- f. 1 12" STRAND OF WIRE
- g. 1 FULL SET OF RULES AND INFORMATION SHEET.

Note: Any surplus money left after the purchase of prizes and materials will be used as scholarship money in the Mechanical/Industrial Engineering Department at UW-Platteville, and to support the UW-Platteville chapter of the Society of Automotive Engineers.

FOR CAR KITS, SEND ORDER FORM TO:

PIONEER 600
COLLEGE OF ENGINEERING, MATHEMATICS, AND SCIENCE
UW-PLATTEVILLE
1 UNIVERSITY PLAZA
PLATTEVILLE, WI 53818-3099

-----Order Form, Cut Here-----

PLEASE SEND ME _____ CAR KITS AT \$8.00/KIT

TOTAL AMOUNT ENCLOSED \$ _____ SHIRT SIZE _____

NAME: _____ PHONE: _____

SCHOOL: _____

SCHOOL ADDRESS: _____

