

EVENT 2: SLOW BICYCLE RACE

(As of 10/26/11)

OBJECTIVE: To ride a two wheeled bicycle over a fixed course in the longest interval of time.

RULES:

1. The course will be 15 meters long and 0.75 meters wide on a flat (as close as possible) sidewalk or indoors in a non-carpeted typical school building hallway. A practice area will be provided.
2. Each team must provide its own bicycle. The same bicycle must be used for all trials by a single team. This bicycle can be modified in any manner as long as these modifications do not conflict with the following:
 - a. Each bicycle must have only two rubber tired pneumatic wheels in ground contact, which are coplanar in the plane of the bicycle frame when traveling forward in a normal fashion.
 - b. The bicycle must have steering capacity.
 - c. Tire prints of the bicycle must not exceed a width of 8 cm and a length of 15 cm when the student is on the bicycle. The minimum wheel radius is 10 cm.
 - d. No part of the bicycle except the tires may touch the course.
3. Only the muscles of the rider shall provide forward motion.
4. No part of the competitor's body may touch the ground during the event.
5. The bicycle must remain within the boundaries of the course and maintain **FORWARD** motion at all times.
6. Each team will be allowed two attempts to make a complete trip. A complete trip will consist of one run up the course and one run down the course.
7. The clock will be stopped while the bicycle is turned for the return trip.

COMPETITION AND SCORING:

1. The course will be marked out indicating start and finish lines. As soon as the front wheel crosses the start line the judge will start the stopwatch.
2. Time will stop and be recorded when:
 - a. The front wheel crosses the finish line.
 - b. The rider's foot touches the ground.
 - c. The bicycle comes to a stop or rolls backwards.
 - d. The contact points of the wheel touch the boundary.

Note: In case of inclement weather, the event will take place indoors in a non-carpeted building hallway.

$$SCORE = \frac{(Your\ time)}{(Greatest\ total\ time)} \times 100\ points$$