Summary of results of our petition period, and some clarifications:

• On the original kit list, only 2 ft of 1/4 inch dowel was supplied. All other materials on the list are available to you.
• The launch area has been enlarged to 3 ft X 3 ft X 3 ft to give you a little more flexibility with your timer.
• You may use other types of glue, not just the Elmer’s we have available.
• Each class section will have two conditions (a condition is a combination of critter speed and distance) they will be testing against. These conditions will be drawn at random and be known to you at the beginning of the testing hour. You will test against one condition and then have the time while others are testing to re-configure your device for the second condition.
• There will only be 8 possible test conditions, the four distances and two critter speeds. The critter speeds will be close to 0.2 ft/sec and 0.8 ft/sec. We will calibrate the critter and post the resulting critter speeds one week before the competition.
• If we approved your petition, then that team can use whatever they asked for in that petition. The petition period is now closed and you should be well on your way towards constructing and testing a design.
• The spirit of the competition and material list is a “Rube Goldberg” device with common materials.
• Permissible additions to kit for all teams:
  o a Styrofoam or plastic cup
  o small quantities of water or sand
  o our motors and battery boxes (you supply wire as needed)
• A paintball has a mass of 3.2 grams and the marble supplied has a mass of 3.5 grams. We have extra marbles you can use for practice.