



11199 Main Street
Clarence, NY 14031
(716) 759-8483

Dear Chair of Technology Studies,

The Great Pumpkin Farm, located on Main Street in Clarence, is once again sponsoring a "Pumpkin Catapult" competition using Medieval Trebuchets. The competition will be held during our annual Fall Festival, on Sunday, October 17, 2010 from 10am to dusk. We are inviting local High Schools to compete against each other. Our 2009 competition had 22 high schools signed up with 15 schools showing up for the competition. **Total Cash prizes that was given out to the schools for their technology classes was \$2750.00 as well as trophies and T-Shirts.**

Teams will be competing for distance & accuracy. Prizes and trophies will be presented to winning teams. Each high school will be limited to one team. However, districts with more than one high school can send teams from each school.

Each team would be required to design, build and test their Trebuchet using knowledge learned in Math, Science and Technology courses. The Trebuchets would be constructed of wood and the hardware necessary for assembly. No other material, such as PVC, steel or aluminum can be used except for reinforcement of gussets and load bearing areas. The basic profile window for the Trebuchet is as follows:

- Safety First
- Frame Height 6', Length 8', Width 4' – the Trebuchet can be smaller than the profile but not larger.
- Trebuchet arm not to exceed 10' (Wood portion not to exceed 8')
- Counterweights – secured steel plates or sand.
- The sling, release mechanism and sling ropes are left to the design of the teams. Slings may either stay affixed to the arm during launch or leave the arm with the projectile. No mechanical advantage such as springs, shock cords, air cylinder, etc. can be used.
- No mechanical devices, such as, but not limited to, springs and hydraulic rams are allowed on the trebuchets.

Teams will be required to sign up by **July 31, 2010** if they intend to compete. A confirmation letter will be sent along with an outline that describes the rules in detail for building a trebuchet for this competition. We have a limited number of teams that we can accommodate, so please get your application as soon as possible.

This year there is a \$25 registration fee payable with your application that will be refunded at the competition to those teams that show up to compete. Teams that do not show without canceling by September 15th will not be refunded the registration Fee.

If you have any questions please feel free to contact us. Thank you for your time and consideration. We hope that your district will participate in the competition.

Sincerely,
The Great Pumpkin Farm

Katy Toth info@greatpumpkinfarm.com Voice (716) 759-8483 or Fax (716) 759-0437



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APPLICATION FOR THE TREBUCHET CONTEST
Sunday, October 17th, 2010

There is a \$25 registration fee that must be paid along with this application. This fee will be refunded to you when you show up at the competition ready to compete. Teams that do not show without canceling by September 15th will not be refunded the registration Fee.

Name of School _____

Address _____

City/State/Zip _____

Technology Teacher _____

Contact Phone #'s _____

Email Address _____

Address if different from above _____

Please fill out and send to following address by July 31st, 2010:

The Great Pumpkin Farm
11111 Main Street
Clarence, NY 14031



SATURDAY, OCTOBER 16th 2010 PRACTICE SHOTS:

SCHOOL: _____

TEACHER: _____

TIME REQUESTED (Please check one):

Between 10am & 11am

Between 11am & 12pm

Between 12pm & 1pm

Between 1pm & 2pm

Between 2pm & 3pm

Between 3pm & 4pm

Between 4pm & 5pm

Between 5pm & 6pm

Catapults can be left here at the Pumpkin Farm over night on Saturday, for Sundays competition.

Please mail or fax as soon as possible.

Thank you.

info@greatpumpkinfarm.com

Voice (716) 759-8483 or Fax (716) 759-0437

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Once again we will be offering the opportunity for your school/dept to sell tickets to the competition for fundraising. Your school/dept will make \$2 for every ticket sold.



TICKET ORDER FORM 2010:

SCHOOL: _____

CLUB OR DEPARTMENT: _____

PERSON RESPONSIBLE: _____

ADDRESS TO SEND TICKETS TO: _____

CITY / STATE / ZIP: _____

PHONE # _____ CELL # _____

OF TICKETS REQUESTED: _____

Tickets to be sold for \$5 each

Deadline Date for Tickets sales is Monday, October 11th.

All remaining tickets and monies must be turned in no later than Wednesday, October 13th.

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