

interactive science programs



You Deserve A Bank This Good.

Presents The

Ohio Valley School Spirit Domino Fall Engineering Competition



The United States has always been the center of innovation and industry. In January of 2011 Forbes Magazine ran an article titled:

Danger: America Is Losing Its Edge In Innovation

ISP believes that our students here in the Ohio Valley are still examples of the great spirit of innovation and engineering that develops in the United States. To show true engineering innovation ISP is offering an engineering challenge to every high school in the Ohio Valley.

RULES:

- ISP will provide exactly 23,520 dominos in 7 separate containers divided by colors: red, blue, white, orange, yellow, green & black.

- The dominos are not allowed to be altered or damaged in any way.

- ISP will also provide 65 napkin holders that can be used as train brakes so that as the designs are put together, these brakes will prevent an uninitiated runaway of dominos.

- Each participating school must provide the school spirit, engineering and innovation in their domino design.

- The three elements of school spirit, innovation and engineering can be accomplished in many ways:

- The design of the fall
 - How it is videotaped and edited
 - Other props used in the design
 - Where the design is set up
 - Different ways the fall if described

- The only prop that can't be used are additional dominos.

- Each participating school will sign up for a 72 hour period when they will be able to borrow the dominos and brakes, set up and execute their design and then return the dominos and brakes to Shelly Reager at West Virginia Northern Community College 304-233-5900, sreager@wvnc.edu.

- All dominos and brakes must be returned color separated as they were when they were signed out.

- The dominos will be signed out and returned to Shelly Reager at West Virginia Northern Community College 304-233-5900, sreager@wvnc.edu.

- Schools who fail to bring the materials back within the 72 hour period will be penalized.

- Each school must videotape and photograph their design and produce a 5 minute video showing the fall and any additional information about how it was done and how the design demonstrates school spirit, innovation and engineering.
- I suggest after you have put up your design and videotaped the fall, that you keep your innovative components secret so other following schools can't copy your ideas.
- After you have completed the competition, e-mail the video and pictures to: engineeringcompetition@interactivescienceprograms.org
- At the end of the school year, all of the videos will be compiled and turned into a TV show to view all of the schools participating in the competition.
- The winning team will receive a \$1,000 dollar prize to be divided up between the team members and distributed as gift cards to stores at the Highlands.
- Since the competition lasts the entire school year, we will continue to seek other sources of funding to allow prizes for more than just first place.
- Any additional funding will be shown on the Interactive Science Program web site where there will be a link for the competition showing schools that have participated.
- **HAVE FUN**

Check for updates and information on participating schools at:

www.interactivescienceprograms.org

Any school in the Ohio Valley is allowed to participate in this competition. This includes groups of home schooled students of high school age.

Participating Schools



Wheeling Park Patriots

Other Schools in the Ohio Valley



Barnesville High School Shamrocks:



Beallsville High School Blue Devils:



Beaver Local Fighting Beavers:



Bellaire Big Red:



Bellaire St. John Central Fighting Irish:



Bishop Donahue Bishops



Bridgeport Bull Dogs:



Brook Bruins



Buckeye Local Panthers



Buckeye Trail Warriors



Caldwell Redskins



Cambridge Bobcats



Cameron Dragons



Carrollton Warriors



Claymont Mustangs



Conotton Valley Rockets



Dover Tornadoes



East Liverpool Potters



Edison Wildcats



Harrison Central Huskies



Hundred Hornets



Indian Creek Redskins



John Marshall Monarchs



Linsly Cadets



Weirton Madonna Blue Dons



Magnolia Blue Eagles



Martins Ferry Purple Riders



Meadowbrook Colts



Monroe Central Seminoles



New Philadelphia Quakers



Oak Glen Bears



Paden City Wildcats



River Pilots



Shadyside Tigers



Shenandoah Zeps



St. Clairsville Red Devils



Steubenville Big Red



Steubenville Central Catholic Crusaders



Toronto Red Knights



Tyler Consolidated Silver Knights



Union Local Jets



Valley Lumberjacks

Weir High Red Riders



Wellsville Tigers



Wheeling Central Maroon Knights

