



National Bee Inc., a Delaware Non-Profit organization, plans to run the 9th Annual Numbers Bee in 2011. Numbers Bee is a tournament for Delaware students in Grades 3 – 8. It is scheduled to be conducted in **May 14, 2011** at **A. I. duPont High School.**, Greenville, DE 19807.

We had very successful First, Second, Third, Fourth, Fifth, Sixth, Seventh and Eighth Annual Online Tournaments on April 5, 2003, April 24, 2004, April 30, 2005, April 29, 2006, April 28, 2007, April 26, 2008, April 25, 2009 and April 24, 2010 at Delaware State University, Dover, DE respectively. To see the reviews and pictures of the previous tournaments, please visit our website [www.nationalbee.org](http://www.nationalbee.org).

The use of this program has improved students' numerical, communication, computational, as well as problem-solving skills. It has also been an effective teaching tool in attracting students who disengage from non-technological approaches to mathematics.

There is a Spelling Bee to generate a buzz in the spring and get national media attention. There is a Geo Bee to test students nationwide in their knowledge of geography and current events. Until now, there is no Numbers Bee to challenge and stimulate the interest of young students. Numbers Bee will fill this gap. Numbers Bee is the first online mathematical tournament. It makes it possible for several players connected to the Internet to compete with each other without having to be in the same location. All players are presented with a set of problems simultaneously from a central server. The time taken by a player to solve a specific problem is inversely proportional to his/her fluency in solving a problem set, and is used to judge individual and team winners.

Numbers Bee is a computer game that helps improve students' fluency with numbers. The students are given a set of numbers and operators (+, -, X, ÷) and the desired result. They are expected to find one of more solutions to this problem. It has 24 levels of gradually increasing complexity

#### **Strengths:**

- 24 Levels in Numbers Bee is for grades K to 12
- Strengthens numerical fluency
- Aligns well with the National Council of Teachers of Mathematics (NCTM) Standards
- Aligns well with the National Educational Technology Standards (NETS )
- Complements any K-12 Mathematics curriculum
- Develops basic mathematics skills as defined by national standards
- Option allows teachers and administrators to track students' progress
- Students can play at school and at home

#### **Benefits:**

Improve a child's:

- ❖ Problem solving skills.
- ❖ Analytical thinking.
- ❖ Confidence level.
- ❖ Speed and accuracy with numbers and operations.
- ❖ Enjoyment of math.

#### **National Bee Inc.,**

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