Representation of Mathematics Through Bridge



National Council of Teachers of Mathematics 2007 Annual Meeting, Atlanta, GA, March 21-24 Booth 559

Session Objectives

- Introduce math teachers to the game of bridge as an illustrative teaching tool
- Demonstrate using bridge in the classroom



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What is Bridge?

"All of life's lessons are learned in the game of bridge"

- Intense fast-paced competitive card game
- Demands concentration, quick thinking
- Easy to learn at all ages
- Requires socializing, teambuilding, strategizing
- Sharpens skills needed in the classroom and in life
- Great to learn analytical and social skills
- Thousands of all ages, play it daily
- Played globally in schools for learning
- It's fun!



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The Gym For Your Brain

- Improves memory and concentration
- Improves ability to develop and modify plans
- Develops judgment and teamwork abilities
- Develops logic and analytical skills
- Increases social skills
- Levels the playing field for students with physical challenges



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All Kids "Make The Team"



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- Bridge builds relationships, feelings of self-worth and concentration.
 Barbara Trahan, Principal, Westlawn Elementary School.
- Bridge allows me to compete fairly with adults and sometimes win! Katie Tong, Sophomore, Benjamin N. Cardozo High School, Bayside, New York.
- *I play because it's fun, but playing bridge also requires I practice logic and probability.* Annie Martin, Senior, Thomas Jefferson High School.

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Increased Popularity with Youth



I used to think it was just a game, but it turned out to be more like math and more fun. It has made me smarter – there's a lot of mental math. Mili Raina, (10), One of the winners of the Georgia State Championship Youth Open Teams Bridge Championship, March 2007.

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Bridge develops and reinforces: Critical thinking Reasoning Concentration Problem solving Communication Inferential reasoning









- Bridge is a fun way to illustrate math principles in the classroom.
- Popularity of bridge is growing worldwide.
- Support and resources are available.

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- Contact the ACBL for more information at <u>www.acbl.org</u>.
- Resources and information also available at www.BridgeisCool.com.

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