

# 3 Reasons

## Your Students Should Play Bridge



It makes learning math more fun!

### Data Analysis and Probability

Students use multiple evaluation methods to assess the value of their hand and their partner's along with how to weigh these values. They also find the probability of certain outcomes and make decisions accordingly in each hand (game).



### Algebra

Through communication achieved during the bidding (auction), players discover that the value of their hand (a), plus the value of their partner's hand (b), must equal a specific total (c). By applying algebraic methods, they make decisions to achieve their goal.



### Reason and Proof

Students reason that they can achieve a stated goal (contract), which they set out to prove. These actions are rooted in communication skills learned during the teaching process. Flaws in the proof result in scoring adjustments.



Your teachers will notice the results in their classrooms.



“As a math teacher, I’m always looking for tricks to make teaching formulas easier. Ever since I started including Bridge as a part of my curriculum, I’ve noticed my students coming up with their own tricks! Bridge and math are similar in that you have to plan, figure, and strategize – and those are skills that can be utilized in other subjects as well as life in general.”

-Kathlyn Quick, Marlboro County Schools

It could actually improve students' test scores.

With its math-driven nature and requirement of keen deductive reasoning to win, young bridge players out-scored their non-playing counterparts on the 2005 Iowa Test of Basic Skills by **39.31%** in Science, **24.22%** in Math and **22.74%** in Social Science.\*

ACBL can provide

Teaching Materials

Local Teacher if needed

Stipend for teacher

\*Dr. Christopher Shaw, "Bridge and Test Scores," Carlinville IL, 2007

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