



M Making Connections

I Imagining Possibilities

+ **N** Navigating Options

D Discovering Patterns

= **FIRST MOVE**

Chess as a Teaching Tool



- Created specifically for 2nd & 3rd grade students - develops critical thinking skills
- Teaches Perseverance, Analyzing, Planning, Executing Decisions, Accepting Challenges & Consequences
- Increase skills used in STEM



Giving our Students an Advantage!



- 30 countries mandate chess as part of their curriculum
- Intellectual Self-Esteem
- Increases Academic Achievement
- Improves social skills - shaking hands, eye contact



First Move is a Proven Program

Independent research states:

"First Move's research and standards based curriculum increases math and reading aptitude." (Woo, 2009)

All studies on chess as a learning tool have shown an increase in academic achievement.



Problem Solving Benefits



- Working through multi-step problems
- Analyzing information and planning
- Concentrating for lengthy periods
- Seeing connections and patterns

Spring ISD



Teacher Success Guaranteed



- Absolutely no chess knowledge is required to teach First Move.



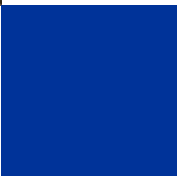
- The Chess Lady teaches via streaming video



- Teachers facilitate the reinforcing classroom activities.



First Move Curriculum Overview



- 45-60 minutes (once a week)
- Lessons follow the same pattern:
 - Review
 - Introduce a new concept
 - Reinforcing student activity
 - Chess play

Tools to make it work!



For Teachers:

- Teacher's Manual
- Interactive Video
- Chess sets (class)
- Demo board
- Chess eMentor
- Teacher Resource Center
- Teacher training

For Students:

- Individual chess set to keep
- Their own Chess Activity Book
- Their own Family Activity Book
- Online Play

BCPS Participation



- 100% of BCPS elementary campuses have committed to implement First Move this fall!



- This is over **1,900** 2nd and 3rd grade classrooms that wish to participate.



- This program will positively impact over **34,500** BCPS students in 2014/2015



AF4C Financial Commitment

First Move Direct Costs:

- \$650 per classroom
- AF4C grant covers \$487.50 per BCPS classroom
- \$27.08 per student for the year
- 75% of program implementation
- \$912,600 in grant funding

Gap Funding

This leaves a 25% gap in funding.

- This is \$162.50 per classroom, or 25% of the direct cost
- \$9.02 per student for the entire 2014/2015 school year
- \$308,800 in gap funding needed

Year Two & Continuing



Costs for Year Two Implementation

- Direct cost for Year Two: \$200 per classroom.
- AF4C Grant pays \$100 per kit
- Gap funding covers \$100 per kit



Continuing Costs:

- \$75 per classroom - Includes all materials ongoing, support and training.
- District/Schools responsible for costs



Overall Cost Breakdown

The full cost of this implementation is approximately \$1.2 million dollars

AF4C has pledged \$912,600

Local Gap Funding \$308,800

This benefits over 34,000 students for their school years and lifetime.

