Make Math Fun and Meaningful

DEVELOPMENTAL STUDIES CENTER™

Developmental Studies Center

- **Non-profit based in Oakland, CA**

- **Working in schools since 1980 and after school since 1995**

- **Mission-driven**

A COMMITMENT TO THE WHOLE CHILD

ACADEMIC Achievement

SOCIAL Skills

ETHICAL Development

EMOTIONAL Well-being

DEVELOPMENTAL
STUDIES CENTER™

Goals

- To explore and experience ways to integrate mathematics into your school program

- To discuss the ways children learn academically and socially

- To have fun!

DEVELOPMENTAL STUDIES CENTER™

Agenda

Experience some math games

- Learn and teach some math games

- Experience a math-related read aloud and activity

DEVELOPMENTAL STUDIES CENTER™

Play "Beach Ball Multiplier"

Group Size:

Whole group

Goal of the game:

To throw the ball to each player in the

circle while practicing multiplication facts

DEVELOPMENTAL
STUDIES CENTER™

NCTM Standards 3-5: "Beach Ball Multiplier"

Number and Operations Standard:

• Understand the effects of multiplying and dividing whole numbers

• Develop fluency with basic number combinations for multiplication and division and use these combinations to mentally compute problems

DEVELOPMENTAL
STUDIES CENTER™

Play "Target"

Group Size:

Groups of 2, 3 or 4

Goal of the game:

To remove all the cards by finding combinations of cards that equal the target number

DEVELOPMENTAL
STUDIES CENTER™

The Leader's Role

The Leader's Goals:

- Support children's math learning
- Support children's social learning
- Make the activities fair and fun for all

BEFORE the Game, Story, or Activity

DURING the Game, Story, or Activity

AFTER the Game, Story, or Activity

Each One Teach One

Group Size: 4 (2 pairs)

To do:

- One pair chooses "Funny Bug" and the other chooses "Rectango."

- Prepare to teach your game to the other pair. Read all the pages about the game and practice playing it. Keep the Leader's Role in mind (**Before, During,** and **After** the Game).

- Take turns teaching the games, and play the other pair's game.

DEVELOPMENTAL STUDIES CENTER™

Read *My Very Own Room*

- Introduce the story

- Read the Story

- Discuss the story

- Connect to the story

DEVELOPMENTAL
STUDIES CENTER™

Close

"Math is like love – a simple idea but it can get complicated."

– Unknown

DEVELOPMENTAL STUDIES CENTER ™