



# THE STOCK MARKET GAME™

## Grade 4 Standards

### Economics

#### In SMG...

- Students research companies by reading graphs comparing costs over time and analyzing whether or not the stock is a good purchase.
- Students buy and sell stock, bonds and mutual funds, all of which fluctuate in price based on supply and demand.

#### Students will:

- Make informed economic choices
- Identify goals, interpret and apply data, and revise goals based on analysis
- Identify how individuals, businesses, and governments interact and exchange goods

#### Strands

- 4.2.1.1.1
- 4.2.4.5.1

### Numbers and Operations

#### In SMG...

- Students calculate the cost or sale price of each transaction.
- Students balance portfolios by adding to and subtracting from cash balance.
- Students calculate broker's fees (1%) for each transaction.
- Students accrue (.75%) and pay (7%) interest based on cash balance.

#### Students will:

- Multiply multi-digit numbers based on knowledge of place value.
- Solve multi-step, real-world problems by multiplying whole-digit numbers.
- Represent and compare fractions and decimals in real-world situations

#### Strands

- 4.1.1.3
- 4.1.1.5
- 4.1.2.3

### Data Analysis

#### In SMG...

- Students interpret price data over time and account holdings using graphs, Venn diagrams and tables.

#### Students will:

- Collect, organize, display and interpret data collected over a period of time.

#### Strand

- 4.4.1.1

