

FIFTH GRADE VIRGINIA STANDARDS CORRELATED TO THE STOCK MARKET GAME™

MATHEMATICS

NUMBER AND NUMBER SENSE		SMG CORE LESSON*
5.1	The student will (a) read, write, and identify the place values of decimals through thousandths; (b) round decimal numbers to the nearest tenth or hundredth; and (c) compare the values of two decimals through thousandths, using the symbols >, <, or =.	-Stock -Tickers -Risk -Diversify -Dividends -Sell/Hold -Money Grow -Price Change -Funds -Strategy -Exchanges
COMPUTATION AND ESTIMATION		SMG CORE LESSON*
5.3	The student will create and solve problems involving addition, subtraction, multiplication, and division of whole numbers, using paper and pencil, estimation, mental computation, and calculators.	ALL
5.4	The student will find the sum, difference, and product of two numbers expressed as decimals through thousandths, using an appropriate method of calculation, including paper and pencil, estimation, mental computation, and calculators.	-Stock -Diversify -Risk -Sell/Hold -Dividends -Price Change -Money Grow -Strategy -Exchanges
5.6	The student, given a dividend expressed as a decimal through thousandths and a single-digit divisor, will find the quotient.	-Stock -Exchange -Risk -Diversify -Dividends -Price Change -Money Grow
5.7	The student will add and subtract with fractions and mixed numbers, with and without regrouping, and express answers in simplest form. Problems will include like and unlike denominators limited to 12 or less.	-Stock -Tickers -Risk -Diversify -Dividends -Sell/Hold -Money Grow -Price Change -Funds -Strategy -Exchanges
PROBABILITY AND STATISTICS		SMG CORE LESSONS*
5.17	The student will (a) solve problems involving the probability of a single event by using tree diagrams or by constructing a sample space representing all possible results; (b) predict the probability of outcomes of simple experiments, representing it with fractions or decimals from 0 to 1, and test the prediction; and (c) create a problem statement involving probability and based on information from a given problem situation. Students will not be required to solve the create problem statement.	ALL
5.18	The student will, given a problem situation, collect, organize, and display a set of numerical data in a variety of forms, using bar graphs, stem-and-leaf plots, and line graphs, to draw conclusions and make predictions.	ALL
5.19	The student will find the mean, median, mode, and range of a set of data.	-Stock -Diversify -Risk -Sell/Hold -Dividends -Price Change -Money Grow -Strategy -Exchanges
PATTERNS, FUNCTIONS, AND ALGEBRA		SMG CORE LESSONS*
5.20	The student will analyze the structure of numerical and geometric patterns (how they change or grow) and express the relationship, using words, tables, graphs, or a mathematical sentence. Concrete materials and calculators will be used.	-Stock -Diversify -Risk -Sell/Hold -Dividends -Price Change -Money Grow -Strategy -Exchanges

ENGLISH LANGUAGE ARTS

ORAL LANGUAGE		SMG CORE LESSON*
5.3	The student will make planned oral presentations. a) Determine appropriate content for audience. b) Organize content sequentially or around major ideas. c) Summarize main points before or after presentation. d) Incorporate visual aids to support the presentation. e) Use grammatically correct language and specific vocabulary.	-Company -Exchanges -Stock -Tickers -Money Grow -Sell/Hold -Risk -Strategy -Funds

*SMG Core Lessons are available to registered SMG teachers. Lessons are on the SMG web site www.stockmarketgame.org in the Teacher Support Center.

READING		SMG CORE LESSON*	
5.4	The student will read fiction and nonfiction with fluency and accuracy. a) Use context to clarify meaning of unfamiliar words. b) Use knowledge of root words, prefixes, and suffixes. c) Use dictionary, glossary, thesaurus, and other word-reference materials.	-Stock -Risk -Tickers	-Sell/Hold -Price Change
5.5	The student will read and demonstrate comprehension of fiction. a) Describe the relationship between text and previously read materials. b) Describe character development in fiction and poetry selections. c) Describe the development of plot and explain how conflicts are resolved. d) Describe the characteristics of free verse, rhymed, and patterned poetry. e) Describe how an author's choice of vocabulary and style contributes to the quality and enjoyment of selections.	-Stock -Risk -Tickers	-Sell/Hold -Price Change
5.6	The student will read and demonstrate comprehension of nonfiction. a) Use text organizers, such as type, headings, and graphics, to predict and categorize information. b) Identify structural patterns found in nonfiction. c) Locate information to support opinions, predictions, and conclusions. d) Identify cause-and-effect relationships. e) Identify compare-and-contrast relationships. f) Skim materials to develop a general overview of content and to locate specific information. g) Identify new information gained from reading.	-Stock -Risk -Tickers	-Sell/Hold -Price Change

WRITING		SMG CORE LESSON*	
5.8	The student will write for a variety of purposes: to describe, to inform, to entertain, and to explain. a) Choose planning strategies for various writing purposes. b) Organize information. c) Demonstrate awareness of intended audience. d) Use precise and descriptive vocabulary to create tone and voice. e) Vary sentence structure. f) Revise writing for clarity. g) Use available technology to access information.	-Company -Money Grow -Risk -Dividends -Funds -Exchanges	-Tickers -Diversify -Sell/Hold -Price Change -Strategy
5.9	The student will edit writing for correct grammar, capitalization, spelling, punctuation, and sentence structure. a) Use plural possessives. b) Use adjective and adverb comparisons. c) Identify and use interjections. d) Use apostrophes in contractions and possessives. e) Use quotation marks with dialogue. f) Use commas to indicate interrupters and in the salutation and closing of a letter. g) Use a hyphen to divide words at the end of a line. h) Edit for clausal fragments, run-on sentences, and excessive coordination.	-Company -Stock -Money Grow -Risk -Exchanges	-Tickers -Diversify -Sell/Hold -Strategy

UNITED STATES HISTORY TO 1877

SKILLS		
USI.1	The student will develop skills for historical and geographical analysis, including the ability to a) identify and interpret primary and secondary source documents to increase understanding of events and life in United States history to 1877; b) make connections between the past and the present; c) sequence events in United States history from pre-Columbian times to 1877; d) interpret ideas and events from different historical perspectives; e) evaluate and discuss issues orally and in writing; f) analyze and interpret maps to explain relationships among landforms, water features, climatic characteristics, and historical events; g) distinguish between parallels of latitude and meridians of longitude; h) interpret patriotic slogans and excerpts from notable speeches and documents.	-Many opportunities will be available to use the SMG to develop analysis skills

EXPLORATION TO REVOLUTION: PRE-COLUMBIAN TIMES TO THE 1770's		
USI.5	The student will demonstrate knowledge of the factors that shaped colonial America by a) describing the religious and economic events and conditions that led to the colonization of America; d) identifying the political and economic relationships between the colonies and England.	-Some colonies were founded by joint-stock companies which expected a return on their investment

CIVIL WAR AND RECONSTRUCTION: 1860's TO 1877		
USI.10	The student will demonstrate knowledge of the effects of Reconstruction on American life by a) identifying the provisions of the 13th, 14th, and 15th Amendments to the Constitution of the United States and their impact on the expansion of freedom in America; b) describing the impact of Reconstruction policies on the South.	-The role of Northern investors in the rebuilding the South

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