

NCTM

Correlation to National Standards

Bring Standards to Life with BizWorld - NCTM Standards

NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS (NCTM) STANDARDS	BizWorld Session Numbers												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Numbers & Operations													
Understand numbers, ways of representing numbers, relationships among numbers, and number systems.	✓					✓							✓
Understand meanings of operations and how they relate to one another.	✓					✓	✓		✓				✓
Compute fluently and make reasonable estimates.	✓			✓							✓		✓
Algebra													
Understand patterns, relations, and functions.						✓							
Represent and analyze mathematical situations and structures using algebraic symbols.	✓			✓									✓
Use mathematical models to represent and understand quantitative relationships.	✓					✓							✓
Geometry													
Specify locations and describe spatial relationships using coordinate geometry and other representational systems.	✓										✓		✓
Data Analysis and Probability													
Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.	✓							✓			✓		✓
Select and use appropriate statistical methods to analyze data.									✓		✓		
Develop and evaluate inferences and predictions that are based on data.						✓		✓					
Understand and apply basic concepts of probability.	✓					✓							✓
Problem Solving													
Solve problems that arise in mathematics and other contexts.							✓						
Apply and adapt a variety of appropriate strategies to solve problems.				✓		✓	✓		✓				
Monitor and reflect on the process of mathematical problem solving.						✓	✓						
Reasoning and Proof													
Recognize reasoning and proof as fundamental aspects of mathematics.				✓			✓				✓		
Communication													
Organize and consolidate their mathematical thinking through communication.							✓				✓		
Communicate their mathematical thinking coherently and clearly to peers, teachers, and others.								✓					
Analyze and evaluate the mathematical thinking and strategies of others.								✓					
Connections													
Recognize and use connections among mathematical ideas.							✓	✓				✓	
Understand how mathematical ideas interconnect and build on one another to produce a coherent whole.							✓						
Recognize and apply mathematics in contexts outside of mathematics.								✓				✓	
Representation													
Create and use representations to organize, record, and communicate mathematical ideas.											✓	✓	
Use representations to model and interpret physical, social, and mathematical phenomena.												✓	

NCEE

Correlation to National Standards

Bring Standards to Life with BizWorld - NCEE Standards

NATIONAL COUNCIL ON ECONOMIC EDUCATION (NCEE) STANDARDS	BizWorld Session Numbers												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Scarcity:													
Productive resources are limited. Therefore, people can not have all the goods and services they want; as a result, they must choose some things and give up others.								✓	✓				
Marginal Cost/Benefit:													
Effective decision making requires comparing the additional costs of alternatives with the additional benefits. Most choices involve doing a little more or a little less of something; few choices are "all or nothing" decisions.					✓								
Allocations of Goods and Services:													
Different methods can be used to allocate goods and services. People acting individually or collectively through government, must choose which methods to use to allocate different kinds of goods and services.						✓					✓		
Role of Incentives:													
People respond predictably to positive and negative incentives.	✓								✓	✓	✓		✓
Gain from Trade:													
Voluntary exchange occurs only when all participating parties expect to gain. This is true for trade among individuals or organizations within a nation, and usually among individuals or organizations in different nations.				✓									
Specialization and Trade:													
When individuals, regions, and nations specialize in what they can produce at the lowest cost and then trade with others, both production and consumption increase.						✓							
Markets-Price and Quantity Determination:													
Markets exist when buyers and sellers interact. This interaction determines market prices and thereby allocates scarce goods and services.								✓	✓		✓		
Role of Price in Market System:													
Prices send signals and provide incentives to buyers and sellers. When supply or demand changes, market prices adjust, affecting incentives.	✓								✓		✓		✓
Role of Competition:													
Competition among sellers lowers costs and prices, and encourages producers to produce more of what consumers are willing and able to buy. Competition among buyers increases prices and allocates goods and services to those people who are willing and able to pay the most for them.						✓					✓		

NCEE

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NATIONAL COUNCIL ON ECONOMIC EDUCATION (NCEE) STANDARDS	BizWorld Session Numbers												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Role of Economic Institutions:													
Institutions evolve in market economies to help individuals and groups accomplish their goals. Banks, labor unions, corporations, legal systems, and not-for-profit organizations are examples of important institution. A different kind of institution, clearly defined and enforced property rights, is essential to a market economy.							✓						
Role of Money:													
Money makes it easier to trade, borrow, save, invest, and compare the value of goods and services.	✓			✓									✓
Role of Interest Rates:													
Interest rates, adjusted for inflation, rise and fall to balance the amount saved with the amount borrowed, which affects the allocation of scarce resources between present and future uses.	✓			✓			✓						✓
Role of Resources in Determining Income:													
Income for most people is determined by the market value of the productive resources they sell. What workers earn depends, primarily, on the market value of what they produce and how productive they are.	✓		✓										✓
Profit and the Entrepreneur:													
Entrepreneurs are people who take the risks of organizing productive resources to make goods and services. Profit is an important incentive that leads entrepreneurs to accept the risks of business failure.		✓		✓	✓								
Role of Government:													
There is an economic role for government in a market economy whenever the benefits of a government policy outweigh its costs. Governments often provide for national defense, address environmental concerns, define and protect property rights, and attempt to make markets more competitive. Most government policies also redistribute income.				✓									

Correlation to National Standards

Bring Standards to Life with BizWorld - NCSS Standards

NATIONAL COUNCIL FOR THE SOCIAL STUDIES (NCSS) STANDARDS	BizWorld Session Numbers													
	1	2	3	4	5	6	7	8	9	10	11	12	13	
Individual Development and Identity:														
Include experiences that provide for the study of individual development and identity.	✓													✓
Work independently and cooperatively to accomplish goals.					✓			✓						
Individuals, Groups, and Institutions:														
Show how groups and institutions work to meet individual needs and promote the common good and identify examples of where they fail to do so.	✓	✓												✓
Power, Authority, and Governance:														
Recognize and give examples of the tensions between the wants and needs of individuals and groups, and concepts such as fairness, equity, and justice.						✓								
Production, Distribution, and Consumption:														
Give examples that show how scarcity and choice govern our economic decisions.					✓			✓	✓					
Describe how we depend upon workers with specialized jobs and the ways in which they contribute to the production and exchange of goods and services.			✓				✓							
Describe the relationship of supply and demand.									✓		✓			
Describe the role of specialization and exchange in the economic process.					✓	✓								
Civic Ideals and Practices:														
Include experiences that provide for the study of the ideals, principles, and practices of citizenship in a democratic republic.		✓				✓								

Correlation to National Standards Bring Standards to Life with BizWorld - NCTE Standards

THE NATIONAL COUNCIL OF TEACHERS OF ENGLISH (NCTE) STANDARDS	BizWorld Session Numbers												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Students adjust their use of spoken, written, and visual language (e.g., conventions, style, vocabulary) to communicate effectively with a variety of audiences and for different purposes.										✓	✓		
Students employ a wide range of strategies as they write and use different writing process elements appropriately to communicate with different audiences for a variety of purposes.					✓					✓			
Students apply knowledge of language structure, language conventions (e.g., spelling and punctuation), media techniques, figurative language, and genre to create, critique, and discuss print and non-print texts.												✓	
Students use spoken, written, and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion, and the exchange of information).		✓			✓	✓			✓	✓	✓	✓	