Economics Curriculum Map

Grade: 10-12 Teacher(s): T. Adams Textbook and Copyright Date: Economics, 2016 Date of Map: July 2022

GENERAL SOCIAL SCIENCE KNOWLEDGE, PROCESSES, AND SKILLS

- P1 Reading and Communication
- P2 Inquiry, Research, and Analysis
- P3 Public Discourse and Decision Making
- P4 Civic Participation

ECONOMICS SECONDARY CONTENT STATEMENT OUTLINE

- E1 THE MARKET ECONOMY
 - 1.1 Individual and Business Decision Making
 - 1.2 Competitive Markets
 - 1.3 Prices, Supply, and Demand
 - 1.4 Government Impact on Households and Businesses
- E2 THE NATIONAL ECONOMY
 - 2.1 Economic indicators in the Economy
 - 2.2 Role of Government in the U.S. Economy
- E3 THE INTERNATIONAL ECONOMY
 - 3.1 Economic Systems
 - 3.2 Economic Interdependence

Economics Overview:

Understanding economics — often referred to as economic literacy — is becoming essential for citizens in our national and increasingly interconnected world economy. Productive members of society must be able to identify, analyze, and evaluate the causes and consequences of individual economic decisions and public policy, including issues raised by constraints imposed by scarcity, how economies and markets work, and the benefits and costs of economic interaction and interdependence. Such literacy includes analysis, reasoning, problem solving, and decision making that helps people function as consumers, producers, savers, investors, and responsible citizens.

Students who meet the expectations will understand how economies function and how to apply the concepts and principles of economics to their

lives as individuals and as citizens. Understanding and applying these concepts and principles should help students make sense of daily events and enable them to analyze, investigate, and develop reasoned thinking about economic challenges and public policies. To cite the "Goals 2000: Educate America Act" of 1994, the study of economics (among other subjects) should ensure that students learn to "use their minds well, so they may be prepared for responsible citizenship, further learning, and productive employment in our Nation's modern economy."

The economics content is necessary for the understanding and the analysis of a wide variety of applications, including those involving individual and household choices, personal finance issues, business and entrepreneurial decisions, and public policy. Students analyze and study economic concepts and principles in three contextual areas: the individual and household context; a business context; and a government or public context. Their study is focused around four content areas: the Market Economy; the National Economy; the International Economy; and Personal Finance.

Content in the Market Economy includes much of what is traditionally described as microeconomics. The core content focuses on the importance of scarcity and limited resources; the roles of economic institutions, such as legal systems, corporations, and labor unions in the market economy; the influence of prices and supplies on the interaction of buyers and sellers; and trade-offs and incentives in people's behavior.

Content in the National Economy includes much of what is traditionally described as macroeconomics. The National Economy content area includes the concepts, terminology, and data used to identify and describe inflation, unemployment, output, and growth; the factors that cause changes in those conditions; the role of money and interest rates in an economy; and the mechanics and the appropriate uses of Federal Reserve monetary policies and federal government fiscal policies.

Content in the International Economy includes the reasons for individuals and businesses to specialize and trade; the rationale for specialization and trade across international borders; and the comparison of the benefits and costs of that specialization and resulting trade for consumers, producers, and governments.

Content in Personal Finance includes the role of economic concepts in understanding personal finance issues and in creating personal finance strategies.

Month / Days	Content / Lessons	Objectives	MDE 9-12 Social Studies Standards	Vocabulary	Assessment	Instructional Resources
8 days	Topic 1: Fundamentals of Economics Lesson 1: Scarcity Lesson 2: Opportunity Cost & Trade-Offs Lesson 3: Production Possibilities Curves	 Explain why scarcity & choice are the basis of economics in every society Summarize how entrepreneurs fuel economic growth Describe the 3 economic factors of production & the differences between physical & human capital Explain how scarcity affects the factors of production Identify why every decision involves trade-offs Explain the concept of opportunity cost Describe how people make decisions by thinking at the margin Interpret a production possibilities curve Explain how production possibilities curves show efficiency, growth, and opportunity cost Explain why a country's production possibilities depend on its resources and technology 	E1 The Market Economy 1.1 Individual, Business, and Government Decision Making Individually and collaboratively, students will engage in planned inquiries to explain and demonstrate how individuals confront scarcity, and how market forces influence how they organize, produce, use, and allocate resources in its presence. 1.1.1 Scarcity, Choice, Opportunity Costs, Incentives – using examples, explain how scarcity, choice, opportunity costs, and incentives affect decisions made by households, businesses, and governments. 1.1.2 Entrepreneurship – analyze the risks and rewards of entrepreneurship and associate the functions of entrepreneurs with alleviating problems associated with scarcity. 1.1.3 Marginal Analysis	need want goods services scarcity economics shortage Entrepreneurs factors of production land labor capital physical capital human capital trade-off guns or butter opportunity cost thinking at the margin cost/benefit analysis marginal cost Marginal benefit production possibilities curve production possibilities frontier efficiency underutilization law of increasing costs	*daily lessons *lesson quizzes *inquiry questions *objectives *topic test	*textbook lessons 1-3 *video *synthesize activities *test review

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			 weigh marginal benefits and marginal costs in decision making. 			
13 days	Topic 2: Free Enterprise & Other Economic Systems Lesson 1: The 3 Basic Economic Questions Lesson 2: Free Markets Lesson 3: Centrally Planned Economies Lesson 4: Mixed Economies Lesson 5: Benefits of Free Enterprise Lesson 6: Supporting Economic Growth Lesson 7: Public Goods and Externalities	 Identify the 3 basic economic questions that all societies must answer Describe the economic goals that determine how a society answers the 3: economic questions Explain why markets exist Explain a circular flow model of a free market economy Describe how a centrally planned economy is organized Distinguish between socialism and communism Explain the rise of mixed economic systems Explain how government actions affect a circular flow model of a mixed economy Explain the basic characteristics of the US free enterprise system Describe the role of the consumer and the entrepreneur in the American Economy Explain why the government tracks and seeks to influence business cycles 	 1.2.1 Institutions – describe the roles of various economic institutions and purposes they serve in a market economy. 1.4.1 Public Policy and the Market – analyze the impact of a change in public policy on consumers, producers, workers, savers, and investors 1.4.2 Government and Consumers – analyze the role of government in protecting consumers and enforcing contracts (including property rights), and explain how this role influences the incentives (or disincentives) for people to produce and exchange goods and services. 1.4.4 Market Failure – explain the role for government in addressing both negative and positive externalities. 2.1.1 Circular Flow and the National Economy – 	economic system factor payments profit safety net standard of living innovation traditional economy market specialization free market economy household firm factor market product market Adam Smith self interest competition consumer sovereignty centrally planned command economies socialism communism authoritarian Laissez-faire private property intellectual property mixed economy Economic transition profit motive open opportunity legal equality private property risk	 *daily lessons *lesson quizzes *inquiry questions *objectives *topic test 	*textbook lessons 1-7 *video *synthesize activities *test review

its Consequences – analyze the consequences (intended and unintended) of using various tax and spending policies to achieve macroeconomic goals of stable prices, low unemployment, and economic growth.	
economic growth. 3.1.1 Developing Nations – assess how factors such as availability of natural resources, investments in human and physical capital, technical assistance, public attitudes and beliefs, property rights, and free trade can affect economic growth in developing nations. 3.1.2 International Organizations and the World Economy – evaluate the diverse impact of trade policies of the World Trade Organization, World Bank, or International Monetary Fund on developing economies of Africa, Central America, or Asia, and on the developed economies of the United	
economies of the United States and Western Europe. 3.1.3 Comparing Economic Systems –	

			compare and contrast the characteristics, advantages, and disadvantages of traditional, command, market, and mixed economic systems. 3.1.4 Impact of Transitional Economies – analyze the impact of transitional economies, such as in China and India, on the global economy in general and the American economy in particular.			
7 days	Project - Topic 5: Business and Labor Topic 1: Sole Proprietorships Topic 2: Partnerships and Franchises Topic 3: Corporations Topic 4: Cooperatives and Nonprofits Topic 5: The Labor Force Topic 6: Labor and Wages Topic 7: Labor Unions	 Explain the characteristics of a sole proprietorship Analyze the advantages of a sole proprietorship Analyze the disadvantages of a sole proprietorship Analyze the economic rights and responsibilities involved in starting a small business Explain the characteristics of different types of partnerships Analyze the advantages of partnerships Analyze the disadvantages of partnerships Analyze the disadvantages of partnerships Describe how a business franchise operates Explain the 	1.2.1 Institutions - describe the roles of various economic institutions and purposes they serve in a market economy	sole proprietorship business organization business license zoning laws liability fringe benefits partnership general partnership limited partnership limited liability partnership articles of partnership assets business franchise royalties corporation stock closely held corporation publicly held corporation bond certificate of incorporation dividend	*oral presentation *slideshow presentation	*textbook *internet *iPad

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	characteristics of	limited liability
	corporations	corporation
	2. Analyze the advantages	horizontal merger
	of incorporation	vertical mergers
	3. Analyze the	conglomerate
	disadvantages of	multinational corporation
	incorporation	
	4. Compare and contrast	cooperative
	corporate combinations	consumer cooperative
	5. Describe the role of	service cooperative
	multinational corporations	producer cooperative
		nonprofit organization
	1. Identify the different	professional
	types of cooperative	organization
	organizations	business association
	2. Understand the purpose	trade association
	of nonprofit organizations,	
	including professional and	labor force
	business organizations	outsourcing
		offshoring
	1. Describe how trends in	learning effect
	the labor force are tracked	screening effect
	2. Analyze past and	contingent employment
	present occupational trends	guest workers
	3. Summarizing how the	deviced demond
	US labor force is changing	derived demand
	4. Explain trends in the	productivity of labor
	wages and benefits paid to	equilibrium wage
	US workers	unskilled labor
		semi-skilled labor
	1. Analyze how supply and	skilled labor
	demand in the labor market	professional labor
	affect wage levels	glass ceiling
	2. Describe how laws	labor union
	against wage discrimination	featherbedding
	affect wage levels	
	3. Describe how skill levels	strike
	and education affect wages	right-to-work law
	4. Identify other factors	blue-collar worker
	affecting wage levels, such	white-collar worker
	as minimum wage and	collective bargaining
	workplace safety laws	mediation
		arbitration
	1. Explain why American	

		workers have formed labor unions 2. Summarize the history of the labor movement in the US 3. Analyze the reasons for the decline of the labor movement 4. Explain how labor and management negotiate contracts				
10 days	Topic 4: Competition and Market Structures Lesson 1: Perfect Competition Lesson 2: Monopolies Lesson 3: Monopolistic Competition and Oligopoly Lesson 4: Government Regulation and Competition	 Describe the characteristics of the perfectly competitive markets. List two common barriers that prevent firms from entering a market Describe prices and output in a perfectly competitive market Describe the characteristics and give examples of a monopoly Describe how monopolies, including government monopolies, are formed Explain how a firm with a monopoly makes output decisions Explain why monopolists sometimes practice price discrimination Describe characteristics and give examples of monopolistic competition Explain how firms compete without lowering prices 	 1.2 Individually and collaboratively, students will engage in planned inquiries to analyze how the functions and constraints of business structures, the role of price in the market, and relationships of investment to productivity and growth, impact competitive markets. 1.2.2 Market Structures-identify the characteristics of perfect competition, monopolistic competition, monopoly market structures 	pure competition commodity barrier to entry Imperfect competition start-up costs monopoly economies of scale natural monopoly government monopoly government monopoly patent franchise license price discrimination market power monopolistic competition differentiation non-price competition oligopoly price war collusion price fixing cartel predatory pricing antitrust laws trust merger deregulation	*daily lessons *lesson quizzes *inquiry questions *objectives *topic test	*textbook lessons 1-4 *video *synthesize activities *test review

		 Understand how firms in a monopolistically competitive market set output Describe characteristics and give examples of oligopoly Explain why firms might try to increase their market power. List three market practices that the government regulates or bans to protect competition Define deregulation, and list its effects on several industries 				
18 days	Topic 3: Demand, Supply, and Prices Lesson 1: Fundamentals of Demand Lesson 2: Shifts in Demand Lesson 3: Elasticity of Demand Lesson 4: Fundamentals of Supply Lesson 5: Costs of Production Lesson 6: Changes in Supply Lesson 7:	 Understand how the law of demand explains the effects of price on quantity demanded Describe how the substitution effect and the income effect influence decisions Explore a demand schedule for an individual and a market Interpret a demand graph using demand schedules Explain the difference between a change in quantity demanded and a shaft in the demand curve Identify the non-price determinants that create changes in demand and can cause a shift in the demand curve 	 1.3 Prices, Supply, and Demand Compare how supply, demand, price, equilibrium, elasticity, and incentives affect the workings of a market. 1.3.1 Supply And Demand – use the laws of supply and demand to explain household and business behavior. 1.3.2 Price, Equilibrium, Elasticity, and Incentives – analyze how prices change through the interaction of buyers and sellers in a market, including the role of supply, demand, equilibrium, and elasticity, and explain how incentives 	demand law of demand substitution effect income effect demand schedule market demand schedule demand curve ceritas paribus Non-price determinants normal goods inferior goods demographics complements substitutes elasticity of demand inelastic elastic unitary elastic total revenue supply	*daily lessons *lesson quizzes *inquiry questions *objectives *topic test	*textbook lessons 1-9 *video *synthesize activities *test review

					
Equilibrium and	3. Summarize examples of	(monetary and	law of supply		
Price Controls	how a change in demand	non-monetary) affect	quantity supplied		
	for one good can affect	choices of households	supply schedule		
Lesson 8: Changes	demand for a related good	and economic	variables		
in Market	_	organizations.	market supply schedule		
Equilibrium	1. Explain how to calculate	-	supply schedule		
-	elasticity of demand	1.4.6 Price Controls –	elasticity of supply		
Lesson 9: Prices at	2. Identify factors that affect	analyze the impact of			
Work	elasticity of demand	price ceilings and price	marginal product of		
	3. Explain how firms use	floors on the quantity of	labor		
	elasticity and revenue to	a good or service	Increasing marginal		
	make decisions	supplied and demanded	returns		
		in a market.	diminishing marginal		
	1. Understand how the law		returns		
	of supply explains the effect		negative marginal return		
	of changes in price on		fixed cost		
	quantity supplied		variable costs		
	2. Interpret a supply		total cost		
	schedule and a supply		marginal cost		
	graph		marginal revenue		
	3. Examine the relationship		average cost		
	between elasticity of supply		operating cost		
	and time				
			subsidy		
	1. Explain how businesses		excise tax		
	decide how much labor to		regulation		
	hire in order to produce a				
	certain level of output		equilibrium		
	2. Analyze the production costs of a business		disequilibrium		
	3. Explain how a business		shortage surplus		
	chooses to set output		price ceiling		
	4. Identify the factors that a		rent control		
	firm must consider before		price floor		
	shutting down an		minimum wage		
	unprofitable business		minimum wage		
			Inventory		
	1. Explain how factors such		search costs		
	as input-costs create				
	change in supply		barter		
	2. Identify three ways that		supply shock		
	the government can		rationing		
	influence the supply of		black market		
	goods				
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	 Identify other non-price determinants that create change in supply Explain how firms choose a location to produce goods 		
	 Explain how supply and demand create equilibrium in the marketplace Describe what happens to prices, quantities demanded, and quantities supplied when equilibrium is disturbed Identify two ways that the government intervenes in markets to control prices and restricts the use of individual property Analyze the impacts of price ceilings and price floors on the free market 		
	 Explain why a free market naturally tends to move toward equilibrium Analyze how a market reacts to an increase or decrease in supply Analyze how a market reacts to an increase or decrease in demand 		
	 Identify the many roles that prices play in a free enterprise system List the advantages of a price-based system Examine how a price-based system leads to a wider choice of goods and more efficient allocation of resources than 		

		systems such as barter or rationing 4. Describe the relationship between prices and the profit incentive				
10 days	Topic 6: Money, Banking, and Financial Markets Lesson 1: The Role of Money Lesson 2: Changes in American Banking Lesson 3: The Federal Reserve System Lesson 4: The Functions of Modern Banks	 Describe the uses and functions of money List the characteristics of money, including its commodity and representative forms Analyze the positive and negative aspects of currency, as well as other media of exchange. Describe the shits between centralized and decentralized banking in the US before the Civil War Explain how government reforms stabilized the banking system in the later 1800s. Describe changes in banking in the early 1900s, including the abandonment of the gold standard. Explain the causes of two recent banking crises Describe banking in the US Explain the structure of the Federal Reserve System Explain how the Federal Reserve System's policies affect the money supply and the broader economy Analyze the basic tools used by the Federal 	1.2.1 Institutions - describe the roles of various economic institutions and purposes they serve in a market 2.2.4 Federal Reserve and Monetary Policy - explain the roles and responsibilities of the Federal Reserve System and compare and contrast the consequences of different monetary policy actions of the Federal Reserve Board as a means to achieve macroeconomic goals of stable prices, low unemployment, and economic growth.	money medium of exchange barter unit of account store of value currency commodity money representative money specie flat money bank national bank bank runs greenbacks gold standard central bank Federal Reserve Banks member banks Federal Reserve Board short-term loans Federal Reserve Board short-term loans Federal Reserve Notes foreclosures monetary policy reserves reserve requirements check clearing bank holding company federal funds rate discount rate money supply liquidity demand deposits money market mutual funds	*daily lessons *lesson quizzes *inquiry questions *objectives *topic test	*textbook lessons 1-4 *video *synthesize activities *test review

		Reserve System to carry out US monetary policy 1. Identify different types of financial institutions, and the service they provide 2. Explain the benefits provided by financial institutions in the context of our free enterprise system 3. Describe the development of electronic banking		fractional reserve banking default mortgage credit card interest principal debit card creditor		
6 days	Project: Topic 7: Economic Performance and Challenges Topic 1: Gross Domestic Product Topic 2: Business Cycles Topic 3: Economic Growth Topic 4: Unemployment Topic 5: Inflation and Deflation Topic 6: Poverty and Income Distribution	 Explain how gross domestic product (GDP) is calculated Interpret GDP data Identify factors that influence GDP Describe other output and income measures Analyze business cycles using economic data Describe four factors that keep business cycles going Explain how economists predict changes in business cycles Analyze the impact of business cycles in US history Analyze how economic growth is measured Analyze how productivity, technology, and trade relate to economic growth Summarize the impact of population growth and government policies on economic growth 	 2.1.2 Economic Indicators - using a number of indicators, such as gross domestic product (GDP), per capita GDP, unemployment rates, and consumer price index, analyze the current and future state of an economy 2.2.1 - Government Involvement in the Economy - evaluate the three macroeconomic goals of an economic system (stable prices, low unemployment, and economic growth) 	national income accounting gross domestic product intermediate goods durable goods nondurable goods nominal GDP real GDP gross national product depreciation price level aggregate supply aggregate demand business cycle expansion economic growth peak contraction trough recession depression stagflation business investment leading indicators real GDP per capita capital deepening saving	*oral presentation *slideshow presentation	*textbook *internet *iPad

4. Analyze how saving and	savings rate
investment are related to	technological progress
economic growth	capital formation
5. Explain how the	
functions of financial	frictional unemployment
institutions affect	structural
households and	unemployment
businesses	globalization
DUSITIESSES	seasonal unemployment
1. Interpret economic data	cyclical unemployment
	unemployment rate
relating to the	
unemployment rate	full employment
2. Differentiate between	underemployed
frictional, seasonal,	discouraged worker
structural, and cyclical	
unemployment	inflation
3. Explain why full	purchasing power
employment does not	price index
mean that every worker is	Consumer Price Index
employed	market basket
4. Explain the costs and	inflation rate
benefits of US economic	core inflation rate
policies related to the goal	hyperinflation
of full employment	quantity theory
	Wage-price spiral
1. Interpret data that reflect	fixed income
the rate of inflation	deflation
2. Explain the effects of	
rising prices	poverty threshold
3. Identify the causes of	poverty rate
inflation	income distribution
4. Describe recent trends in	food stamp program
the rate of inflation	Lorenz Curve
	enterprise zone
1. Define who is poor,	block grants
according to government	workfare
standards	welfare
2. Describe the causes of	cash transfers
poverty	in-kind benefits
3. Analyze the distribution	medical benefits
of income in the US	grant
4. Analyze the costs and	9
benefits of US economic	
policy related to the goal of	

		equity				
12 days	Topic 10: Trade,	1. Evaluate the impact of	3.2 Economic	export	*daily lessons	*textbook
-	Development, and	the unequal distribution of	Interdependence –	import		lessons 1-7
	Globalization	resources	Trade Individually and	absolute advantage	*lesson quizzes	
		2. Analyze the concepts of	collaboratively, students	comparative advantage		*video
	Lesson 1: Why	specialization and	will engage in planned	law of comparative	*inquiry questions	
	Nations Trade	comparative advantage to	inquiries to describe	advantage		*synthesize
		explain why nations trade	how trade generates	interdependence	*objectives	activities
	Lesson2: Trade	3. Summarize the position	economic development			
	Barriers and	of the US in world trade	and interdependence,	trade barriers	*topic test	*test review
	Agreements	4. Describe the effects of	and analyze the	tariff		
		trade on employment	benefits and costs for	import quotas		
	Lesson 3: Exchange		individuals, producers,	sanctions		
	Rates and Trade	1. Describe the policies	and governments.	embargo		
		nations use to control or		trade war		
	Lesson 4:	direct international trade	3.2.1 Absolute and	protectionism		
	Development	2. Analyze the effects of	Comparative Advantage	infant industries		
	Lesson 5: Growth,	international trade	 use the concepts of 	free trade		
	Resources, and	agreements	absolute and	World Trade		
	Development	3. Summarize the	comparative	Organization		
		arguments for and against	advantages to explain	free trade zones		
	Lesson 6: Changing	free international trade	why goods and services			
	Economies	4. Explain the role of	are produced in one	exchange rate		
		multinational corporations	nation or locale versus	appreciation		
	Lesson 7:	in the process of	another.	depreciation		
	Globalization	globalization		foreign exchange		
			3.2.2 Domestic Activity	market		
		1. analyze the effects of	and World Trade –	fixed exchange-rate		
		changes in exchange rates	assess the impact of	system		
		on World trade	trade policies, monetary	flexible exchange-rate		
		2. Define balance of trade	policy, exchange rates,	system		
		3. Summarize the effects of	and interest rates on	balance of trade		
		international trade on the	domestic activity and	trade surplus		
		US and its trading partners	world trade.	trade deficit		
		4. Analyze the role of the		balance of payments		
		US in international trade	3.2.3 Exchange Rate	development.		
		1. 0	and World Trade –	development		
		1. Summarize the concept	analyze the effects on	developed nations		
		of economic development	trade from a change in	less developed nations		
		2. Identify the	an exchange rate	newly industrialized		
		characteristics of	between two currencies.	countries		
		developed and less		per capita GDP		1

developed countries 3. Explain the use of GDP and other measurements of economic development 1. Summarize major issues that affect international economic development 2. Describe the role of government in promoting or hindering national economic development 3. Summarize the role of international investment and foreign aid in economic development 4. Analyze the functions of international economic development 4. Analyze the functions of institutions in the global economy 1. Identify the characteristics of economic transition 2. Summarize the political and economic changes experienced by Russia since the fall of communism 3. Analyze the reasons for economic growth in China and India in recent years 4. Identify the economic challenges faced by developing nations in Africa and Latin America	3.2.4 The Global Economy and the Marketplace – analyze and describe how the global economy has changed the interaction of buyers and sellers.	industrialization literacy rate life expectancy infant mortality rate subsistence agriculture population growth rate malnutrition internal financing foreign investment foreign direct investment foreign portfolio investment debt rescheduling stabilization program nongovernmental organizations privatization Special economic zones globalization offshoring remittances "brain drain" sustainable development deforestation		
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	4. Summarize the effects of globalization on the US		
	economy		