



MINNESOTA
Academic Standards – Economics Grades 9-12
Economics: Today and Tomorrow © 2005

OBJECTIVES	PAGE REFERENCES
VI. ECONOMICS	
A. The Market Economy (Micro Economics) The student will understand that in a market economy income is earned in different ways.	
1. Students will identify multiple forms of income and their sources.	SE: 60-61, 316-317, 348, 431 <i>Careers</i> 41, 69, 90, 125, 151, 172, 215, 245, 274, 294, 329, 365, 417, 427, 463, 546, 568 TWE: AFC 140D EJ 335 FEA 316
2. Students will recognize types and roles of firms.	SE: 37, 146-148, 213-217, 219-224, 458, 553-557 <i>Economic Connection to History</i> 223 <i>Global Economy</i> 220 TWE: CL 215, 222, 555 EJ 559 FEA 251, 556 RIE 210
The student will understand business organizations, market structures, and financial institutions that operate within our economy.	
1. Students will identify and compare and contrast various industries and the occupations related to them.	SE: 313-319 <i>Careers</i> 41, 69, 90, 125, 151, 172, 215, 245, 274, 294, 329, 365, 417, 427, 463, 546, 568 TWE: CL 315 CLA 168 EC 317
2. Students will compare and contrast the concepts of competition and monopoly, and predict consequences of each.	SE: 44, 233-237, 239-246, 248-253 TWE: CL 235, 241, 250 CLA 232 FEA 242
3. Students will describe various financial institutions, compare and contrast their roles, and explain how those institutions relate to their lives.	SE: 83-94, 96-99, 123-124, 133, 141-144, 146-152, 381-385, 389-390, 402-405, 407-417 <i>Business Week</i> 100, 386 TWE: AFC 82D, 398D CL 90, 143, 383 CLA 140 EC 384 EJ 106 FEA 86, 98, 124 RIE 93

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The student will understand the basic characteristics of markets and the role of prices in modern market economies.	
1. Students will describe the determination of equilibrium market prices by applying principles of supply and demand to markets for goods and services.	SE: 169-175, 177-192, 194-197, 316-317 TWE: CL 196
2. Students will identify the direct and indirect effects of price floors and price ceilings.	SE: 197-199, 319
3. Students will identify several factors that lead to variation in market prices and quantities exchanged by changes in supply and/or demand.	SE: 159-175, 177-192, 194-197, 316-317
4. Students will explain how interest rates and exchange rates are influenced by market conditions and how changes in interest rates affect individual and business decision-making.	SE: 274, 414-415, 479-480, 482 <i>Global Economy</i> 414 TWE: CL 481
The student will understand that firms in a market economy experience varying degrees of competition for the good or service that they sell.	
1. Students will explain how competition among sellers often results in lower prices, higher product quality, better customer service and a more efficient allocation of scarce resources.	SE: 44, 233-237 TWE: CL 235
The student will understand the risks and opportunities associated with entrepreneurship.	
1. Students will explain that entrepreneurs accept the risks associated with organizing productive resources to produce goods and services, with the hope to earn profits.	SE: 7, 43, 208 <i>Business Week</i> 176 <i>Case Study</i> 28-29, 80-81, 258-259, 338-339, 448-449, 584-585 TWE: FEA 266
2. Students will describe the role of innovation and profit motive in helping to reduce problems associated with scarcity.	SE: 43, 187-188 <i>People & Perspectives</i> 254 TWE: EC 10
The student will understand the role of labor in the economy.	
1. Students will describe the role and characteristics of collective bargaining, as well as the key components of a typical negotiated labor management contract.	SE: 328-332 TWE: AFC 312D CLA 312 FEA 331
2. Students will describe and analyze the role of unions in the United States economy in the past and present.	SE: 321-326, 328-333 <i>People & Perspectives</i> 327 TWE: CL 323, 330 EC 324 RIE 325
The student will understand the economic role of government in a free market economy.	
1. Students will identify that one important role for government in the economy is to secure and enforce property rights.	SE: 43, 430, 536-537
2. Students will identify and explain public goods.	SE: 425, 430 TWE: CL 425

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3. Students will recognize that, in the United States, the federal government enforces antitrust laws and regulations to try to maintain effective levels of competition in as many markets as possible.	SE: 248-253 TWE: EC 252
4. Students will recognize that some government policies attempt to redistribute income.	SE: 431 <i>Business Week</i> 434 TWE: CL 431
B. The National Economy (Macro Economics) The student will understand the economic activities of government.	
1. Students will explain that the government pays for the goods and services it provides through taxing and borrowing.	SE: 435-439, 440-443 <i>Economic Connection to History</i> 442
2. Students will explain how the government regulates economic activity to promote the public welfare, encourage competition, and protect against monopolistic abuses.	SE: 72-74, 101-104, 146, 248-253, 429-433, 457-460, 462-465 TWE: CL 103, 431 EC 252, 432, 442 EJ 445 RIE 318
The student will understand the concepts that measure the national economy.	
1. Students will define and give examples of basic economic terms.	SE: 344-348, 351-354, 356-357, 360-361, 366-367 <i>Business Week</i> 355 TWE: MSN 344
2. Students will give examples of measurements that indicate the economic conditions of depression, recession, and expansion.	SE: 343-348, 350-354, 360-367 <i>Business Week</i> 355 <i>Economic Connection to Math</i> 351 <i>Economics Lab</i> 372-373 TWE: CL 352 ECP 341 MSN 344 RIE 126
The student will understand and explain that the U.S. economy is primarily a free market system.	
1. Students will understand and explain that free market economies are regulated primarily by supply and demand, and that competition is essential to a free market economy.	SE: 44, 169-175, 177-192, 194-197, 233-246 TWE: CL 174 FEA 179
The student will understand basic measures of overall economic performance.	
1. Students will analyze the interrelationships among the unemployment rate, the inflation rate, and the rate of economic growth.	SE: 350-354, 451-455 TWE: CL 352, 453
2. Students will describe how the concept of the balance of trade is used to measure the international flow of goods and services.	SE: 482-484
The student will analyze the causes and consequences of overall economic fluctuations.	
1. Students will describe the basic characteristics of economic recessions and economic expansions.	SE: 360-363 TWE: CL 366 CTA 362

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2. Students will understand some of the reasons for fluctuations in economic activity.	SE: 364-366, 571-574 TWE: CL 366 EC 459, 573
The student will understand the influence of federal government budgetary policy and the Federal Reserve System's monetary policy.	
1. Students will identify that fiscal policies are decisions to change spending and/or tax levels by the federal government.	SE: 457-460, 464-465 TWE: EC 459
2. Students will explain the direct and indirect effects of fiscal policy on employment, output, and interest rates.	SE: 457-460, 464-465
3. Students will explain the relationship between federal budget deficits and the national debt.	SE: 438-439 TWE: RIE 438
4. Students will identify the ways in which monetary policy influences employment, output, inflation, and interest rates.	SE: 400, 407-410, 412-417, 462-463 <i>Business Week</i> 411 <i>Cover Story</i> 399 <i>Global Economy</i> 414 TWE: CL 409, 414
5. Students will explain how interest rates influence business investment spending and consumer spending on housing, cars, and other major purchases.	SE: 84, 123, 124, 274, 408, 414 <i>Economics Lab</i> 562-563 TWE: CL 123 FEA 86, 124
The student will understand that economic growth is the primary means by which a country can improve the future economic standard of living for its citizens.	
1. Students will explain that Gross Domestic Product (GDP) per capita is a measure that permits comparisons of material living standards over time and among people in different nations.	SE: 344-347, 350-354, 519 TWE: EC 346, 520 RIE 353
2. Students will identify that the productivity of workers is measured by dividing the output of goods and services by the number of hours worked.	SE: 7 TWE: CLA 262 EC 191
3. Students will recognize that standards of living increase as the productivity of workers rises.	SE: 7, 48
4. Students will understand that investments in physical capital (machinery, equipment, and structures), human capital (education, training, skills), and new technologies commonly increase productivity and contribute to an expansion of future economic prosperity.	SE: 7, 190, 543-545 <i>People & Perspectives</i> 254 TWE: CL 545 EC 191
C. Essential Skills The student will understand and use economic concepts, theories, principles and quantitative methods to analyze current events.	
1. Students will use tables, graphs, equations, diagrams, and charts to interpret economic information.	SE: 458, 520, A10-A29 <i>Global Economy</i> 494-495 TWE: <i>Economic Handbook</i> Txv-Txxiii CL 20, 345, 366, 383, 453, 475, 567 ECP 341, 471 EJ 491

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2. Students will evaluate the economic implications of current issues as found in such sources as magazine articles, radio and television reports, editorials, and Internet sites.	SE: 576-579 <i>Business Week</i> 50 <i>Cover Story</i> 101, 576 TWE: CL 14, 157, 174, 409, 437, 519 CTA 362 ECP 341 EJ 107, 369, 467, 513, 581 FEA 526
3. Students will distinguish among the contributions to economic thought made by leading theorists including, but not limited to, Adam Smith, Thomas Malthus, Karl Marx, Milton Friedman, and John Maynard Keynes.	SE: 41-42, 457-460, 499-500 <i>Economic Connection to Math</i> 475 <i>People & Perspectives</i> 45, 200, 428, 466, 502, 522 TWE: EC 43, 459
The student will learn and be able to apply personal financial management and investment practices.	
1. Students will analyze short- and long-term investment options such as stocks, bonds, real estate, and mutual funds by comparing the risk, return, and liquidity of these instruments.	SE: 146-152, 155-159 TWE: CLA 140 FEA 149, 158
2. Students will recognize a proper role for credit and how to utilize risk management strategies including the use of insurance.	SE: 83-86, 88-93, 96-99, 123-124, 133 <i>Business Week</i> 100 TWE: CL 85 FEA 124 MSN 97
3. Students will explain the concepts of compound interest and the Rule of 72, and the applicability to both investment gains and debt retirement.	Note: This objective can be covered during class discussion of investments and interest rates.
D. International Economic Relationships The student will understand the key factors involved in the United States' economic relationships with other nations.	
1. Students will understand and apply the concepts of comparative and absolute advantage in international trade.	SE: 473-477 <i>Global Economy</i> 10-11
2. Students will analyze the controversy and major arguments for and against international trade agreements such as NAFTA and GATT.	SE: 487-489
3. Students will know the major characteristics of the principal types of economic systems in this world and compare and contrast them with the U.S. system.	SE: 31-38, 497-501, 503-506, 508-511 <i>Business Week</i> 507 <i>Cover Story</i> 497 TWE: CL 33 EJ 513
4. Students will know and understand the significance of these concepts: trade deficits, exchange rates, trade barriers, balance of trade, foreign exchange markets, and give examples of their current application to U.S. trade relationships with other countries in the world.	SE: 479-484, 486-489 <i>Global Economy</i> 494-495 TWE: CL 481 CTA 482 EC 488

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5. Students will know the roles of the World Bank and IMF, analyze their effectiveness in the world community, and critique their operation in a specific country.	SE: 527 <i>Cover Story</i> 523 TWE: EC 527 ECP 471
6. Students will examine the impact of U.S. foreign policy on the economies of developing countries.	SE: 489, 525-528, 537 <i>Business Week</i> 490 TWE: CL 525
7. Students will know and analyze the reasons some countries are characterized as developing nations.	SE: 517-521, 523-524, 529-532 TWE: CL 531 EJ 539 FEA 536
8. Students will examine the purpose and evaluate the effectiveness of U.S. economic aid to developing countries.	SE: 525-528, 537 TWE: CL 525 CLA 516
E. Economics and Public Policy The student will apply economic theories and concepts to public policy issues.	
1. Students will know the definitions, evaluate the purposes, and analyze the effects of the following economic activities: government subsidies, government incentives, economic externalities, profit maximization, multinational corporations, unions, right to work laws, government deregulation, entitlements, progressive taxes, government's role in providing in public goods, economic safety nets, and corporate crime.	SE: 48, 187-188, 197-199, 253, 322-326, 328-333, 412-415, 429-432, 440-443, 457-460, 553-557 <i>Business Week</i> 434 TWE: CL 250, 555 EC 442 FEA 331 RIE 182
2. Students will use their knowledge of economic concepts and data to analyze a significant national public policy issue and recommend a solution.	SE: 156, 431, 438-439 <i>Business Week</i> 434 TWE: CL 157, 437 RIE 438
3. Students will know and analyze how income and wealth are distributed among different sectors of the population.	SE: 8, 431, 519, 536 <i>Business Week</i> 434
4. Students will know how poverty is defined in the U.S., what its causes are, examine possible solutions, and analyze the impact poverty has on the short and long run health of the economy.	SE: 431 <i>Business Week</i> 434 TWE: RIE 318
5. Students will use their knowledge of economics to describe and analyze significant world economic issues.	SE: 508-509, 517-521, 529-532, 557, 576-579 <i>Business Week</i> 507 TWE: CL 519 CLA 516 EC 578
6. Students will use the analytical skills commonly used in economics to analyze public policy issues in their community, state, and nation.	SE: 438-439, 576-579 <i>Business Week</i> 434 TWE: CL 157 EC 578 RIE 438
7. Students will identify and analyze the conflicts that can result from differences between business interests and community interests.	SE: 432, 576-579 <i>Business Week</i> 50 TWE: EC 432

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8. Students will examine and analyze the economic principles practiced in this country to determine their consistency with the democratic principles upon which our country is based.	SE: 42, 43, 46-49, 248-249, 252, 431, 432, 457-460, 462-465 TWE: CL 525 RIE 318

Codes Used for TWE Pages

AFC	Activity from the Classroom of...
CL	Cooperative Learning
CLA	Chapter Launch Activity
CTA	Critical Thinking Activity
EC	Extending the Content
ECP	Extra Credit Project
EJ	Economics Journal
FEA	Free Enterprise Activity
MSN	Meeting Special Needs
RIE	Relevant Issues in Economics