

Global Economics

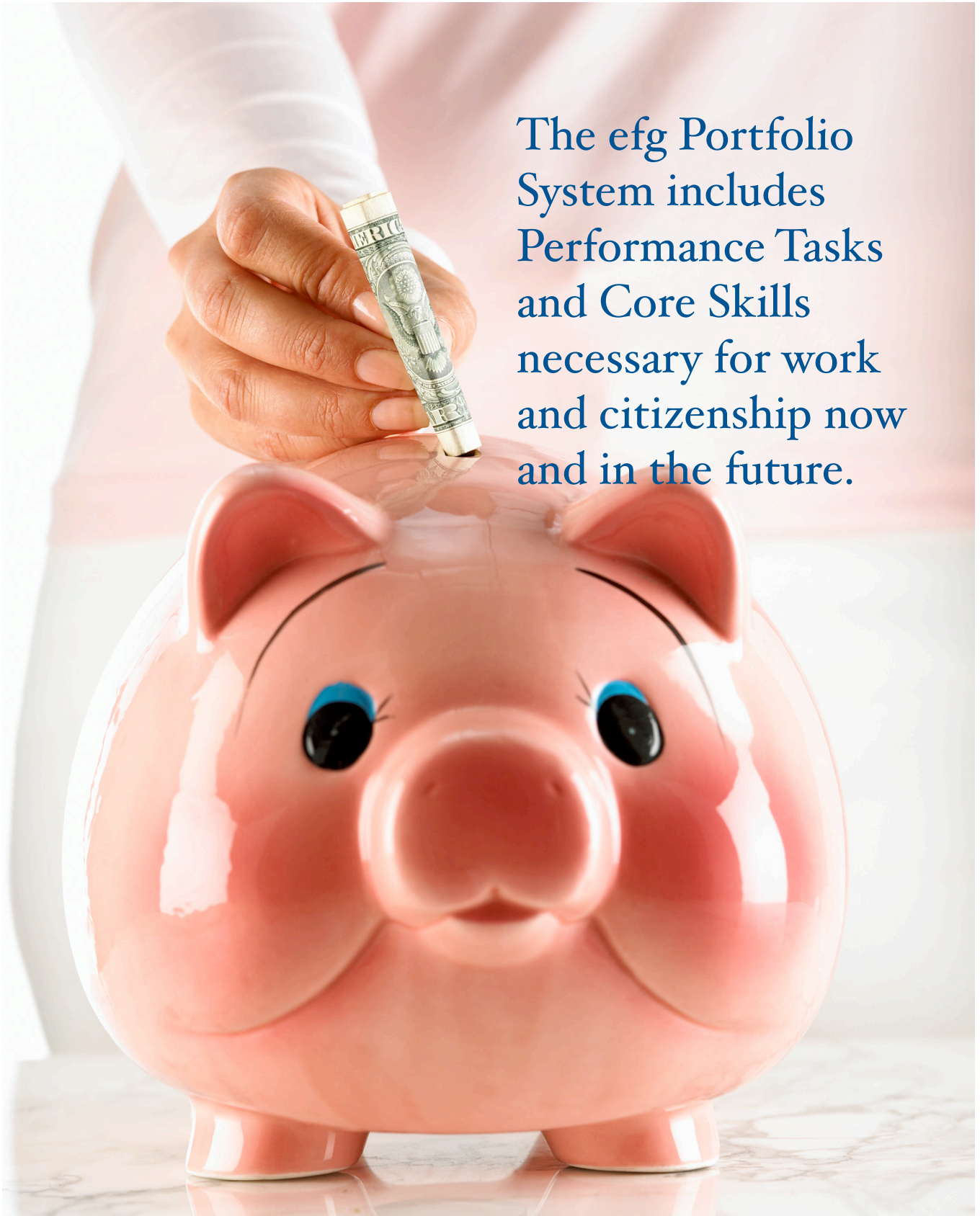


WHAT WILL BE LEARNED

In the Global Economics Project students will understand how the financial aspects of the world are interrelated. Stock markets, currency, exchange rates, banking, and financial organizations are studied. The portfolio includes work that demonstrates how to manage money and make appropriate financial decisions.

Vocabulary

- ACCOUNTANT
- GAIN
- RATE
- AFFORD
- GROWTH
- REAL ESTATE
- ANNUAL
- IMPORT
- RESEARCH
- AVERAGE
- INDEX
- RETAIL
- BANKER
- INDUSTRIAL
- RETIRE-
MENT
- BANKING
- INSURANCE
- RETURN
- BOND
- INTEREST
- RISK
- BROKER
- INVESTMENT
- SALE
- BUSINESS
- INVESTOR
- SAVING



The efg Portfolio System includes Performance Tasks and Core Skills necessary for work and citizenship now and in the future.

RESEARCH LOCATIONS / BOOKS

- American Stock Exchange <http://www.amex.com/>
- Bank of America <http://www.bankofamerica.com/>
- The Banking Technology Website <http://www.bankingtech.com/ipi/bankingtech/indextemplate.jsp>
- Captain Euro <http://www.captaineuro.com/>
- The Committee for Economic Development <http://www.ced.org/>
- The Dismal Scientist (economic analysis and data for the world) <http://www.economy.com/dismal/>
- Downey Federal Credit Union <http://www.downeyfcu.org/>
- Edustock - Thinkquest (teaches what the stock market is and how it works) <http://www.thinkquest.org/index.html>
- Empower Web (links to resources for funding non-profit organizations) <http://www.sftoday.com/empower.htm>
- Escape from Knab (teaches money management skills to high schoolers) <http://www.escapefromknab.com/>
- Garage.com ("We start up startups") <http://www.garage.com/>
- Geographical Directory of World Paper Money (images) <http://aes.iupui.edu/rwise/notedir/mappage.html>
- Global Exchange ("democratize the global economy") <http://www.globalexchange.org/campaigns/>
- Logolab <http://www.logolab.com/>
- NASDAQ <http://www.nasdaq.com/>
- Nonprofit Charitable Orgs <http://nonprofit.about.com/?once=true&>
- RUSURE (comparative shopping) <http://www.rusure.com/>
- Stockmaster <http://www.stockmaster.com/index.php>
- Travlang's Currency Exchange Rates <http://www.travlang.com/money/>
- World Economic Forum <http://www.weforum.org/>

SUGGESTIONS FOR USING WORLD WIDE WEB SITES

Read about world economics.

- World Economic Forum <http://www.weforum.org/>
- Global Exchange <http://www.globalexchange.org/campaigns/>
- The Dismal Scientist (economic analysis and data for the world) <http://www.economy.com/dismal/>

Conduct a mathematical analysis of stocks and bonds.

Vocabulary

- BUY
- IRA
- SELL
- CHARGE
- LOAD
- SHARE
- COMPANY
- LOAN
- STOCK
- COMPETITION
- MANAGE
- TAXES
- CONSUMER
- MARKET
- TECHNOLOGY
- CORPORATION
- MONEY
- TRADE
- COST
- MONETARY
- TREASURY
- CREDIT
- MORTGAGE
- UNDERWRITE
- CURRENCY
- MUTUAL FUND
- VALUE
- DEBIT
- ONLINE
- VARYING
- DECLINE
- OPPORTUNITY
- VOLATILITY



Vocabulary

- DOLLAR
- PAY
- WALL STREET
- DOW
- PAYMENT
- WHOLESALE
- EARNING
- PERCENTAGE
- ECONOMIC
- PERFORMANCE
- EQUITY
- PLUNGE
- EXCHANGE
- POINT
- EXPORT
- PORTFOLIO
- PRICE
- FAIR
- PRODUCT
- FEDERAL
- PROFIT
- FINANCIAL
- PROJECTED
- FUND
- QUOTE

NASDAQ <http://www.nasdaq.com/>

Stockmaster (shipping industry charts) <http://www.stockmaster.com/index.php>

Find a map, graph, or chart about the stock market.

American Stock Exchange <http://www.amex.com/>

NASDAQ <http://www.nasdaq.com/>

Look for information about different currencies in other countries

Travlang's Currency Exchange Rates <http://www.travlang.com/money/>

Captain Euro <http://www.captaineuro.com/>

Geographical Directory of World Paper Money (images) <http://aes.iupui.edu/rwise/notedir/mappage.html>

Research differences in the cost of products.

RUSURE (comparative shopping) <http://www.rusure.com/>

Identify the technologies used in banking and accounting.

The Banking Technology Website <http://www.bankingtech.com/ipi/bankingtech/indextemplate.jsp>

Create a logo for a bank or financial institution.

Bank of America <http://www.bankofamerica.com/>

Downey Federal Credit Union <http://www.downeyfcu.org/>

Logolab <http://www.logolab.com/>

Investigate ways to raise funds for a charitable organization or cultural event.

Empower Web (links to resources for funding non-profit organizations) <http://www.sftoday.com/empower.htm>

Nonprofit Charitable Orgs <http://nonprofit.about.com/?once=true&>

List the financial careers that are mentioned on these “links.”

American Stock Exchange <http://www.amex.com/>

World Economic Forum <http://www.weforum.org/>

POSSIBLE PARTNERSHIPS

Bank

Savings and Loan

Credit Union

Stock Brokerage Firm

Insurance Agency

Real Estate Office

Rental Agency

Investment Firm

Credit Card Company

Tax Preparation Company

Investment Club

Housing Office

City Council

CPA firm



Life2Learning Lessons

1. CURRENCIES AND BANKING
2. STOCK MARKETS
3. INSURANCE
4. COST OF REAL ESTATE AND AUTOMOBILES
5. INCOME AND BUDGETS

Lesson 1

Currencies and Banking

P1. READING

How would you make a picture dictionary of some of the vocabulary words?

Where would you find information about money, worldwide currencies and banking?

P2. MATH

Learn the names of the currency in other countries.

Chart the exchange rate with your currency over a period of time.

Plan a trip to another country. Calculate the cost of airfare, hotels, and food. Determine the amount of money needed for the trip and the exchange rate for the currency.

Calculate the exchange rate between the US and another



country. Evaluate cost of various items using both rates of currency.

Compare interest rates offered by banks and credit unions or charged on credit cards.

P3. MAPS / GRAPHS / CHARTS

How would you make a graph of money made from paper and coins in the United States currency? Has this changed over time?

Can you compare currencies around the world on a map or graph?

P4. WORLD LANGUAGE

Can you learn the words for the currencies around the world?

Could you write or email a person in another country and request a picture of their currency?

Currency continues to change in the United States and around the world. What changes can you identify over the past 15 years?

P5. SCIENCE

How would you compare the United States coins over the past 100 years? How has the metal changed over time? What

is the percentage of gold and silver in coins today?

P6. SOCIAL STUDIES

Analyze the change in financial institutions and banking in your community.

Can you calculate interest paid on credit card purchases? What percentage is charged on different cards?

What types of coins are used in vending machines in the post office, restaurants, and stores? How are they the same or different?

Could you set up a “branch” bank at your school? How would you encourage individual savings accounts for the students?

P7. HEALTH / FITNESS

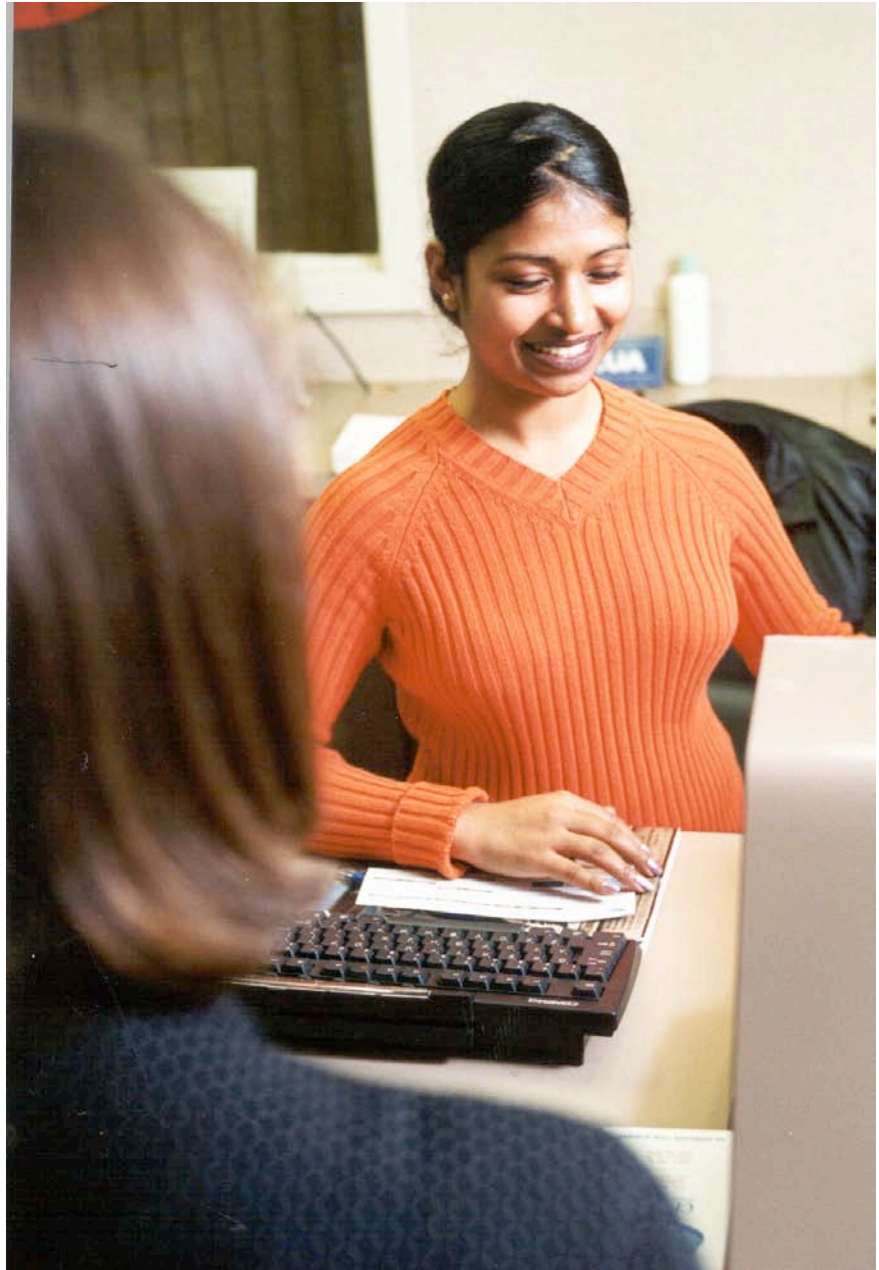
Can you compare the cost of brand name drugs and health products with generic brands? How would you compare the cost of the product in your country with countries around the world?

P8. TECHNOLOGY

Investigate the technology tools used in banks or financial institutions.

Learn how to use a personal financial software such as Quicken.

Create a Power Point presentation on the importance and methods of saving money and share the information with a group of students or parents.



P9. CREATIVE EXPRESSION

How would you create a logo for a financial institution or bank?

Create a poster of the various currencies in the world.

P10. CAREERS

Can you investigate all careers associated with banking?

P11. COMMUNITY SERVICE

Take and develop a picture of the employee of the month at a financial institution or bank. Display art at a local bank or

financial institution. Invite parents to view the art.

Could you work with a local bank to establish a bank at your school for student savings accounts? Who would you need to work with and how would it be organized?

P12. REPORT

Write a report about an international trip and the currencies associated with the travel.

Develop a business plan for a product, school store or service.

P13. PRESENTATION

Present your portfolio of work to an employee of a bank or financial institution.

How would you compare your research on currencies with another student or classroom

Lesson 2

Stock Markets

P1. READING

Can you compare an article describing the stock market in the Business Section of your local newspaper with an article in USA Today or the Wall Street Journal?

How would you describe the difference in the information? Which vocabulary words did they use in the articles?

Can you pick one company, and “purchase” their stock based upon your reading and research. Why do you think this is a good purchase?

P2. MATH

Pick 5 stocks on the New York Stock Exchange and 5 stocks on the NASDAQ. Can you make predictions about gains and losses of these stocks? What do the companies produce? How and when would you track these?

What is a Mutual Fund?

What is the difference between a stock and a bond? Are fees charged when you buy stocks or bonds?

P3. MAPS / GRAPHS / CHARTS

Create a map of the major financial centers of the world.

Read the charts and graphs in the financial section of the newspaper, on cable TV or on the Internet.

Chart the value of 10 stocks on the New York Stock Exchange, American Stock Exchange or NASDAQ. Can you compare stocks in one industry such as automobiles?

Where are the stock exchanges located in the United States? Can you find these on a map. Where are the major stock exchanges located in the world?

P4. WORLD LANGUAGE

Learn the vocabulary words in another language.

Investigate a foreign stock and determine where the company is located and the languages spoken in that part of the world? Can you use words



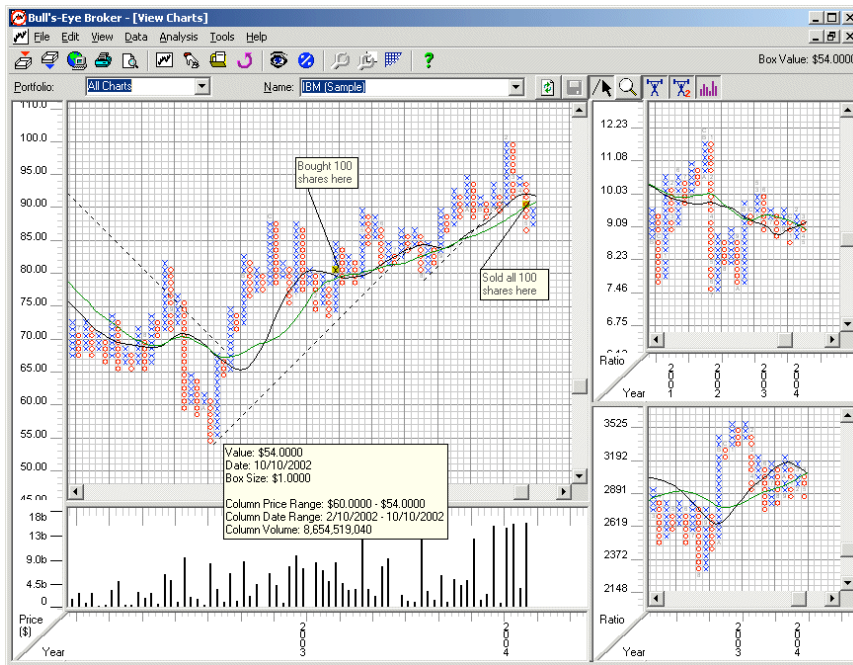
around the world?

or write a paragraph describing the company in that language?

Present your analysis of a particular stock in another

present, and future by analyzing the stock market.

Investigate the connections between international stock



language.

P5. SCIENCE

What is a "green" stock?

Can you identify companies that cause or help clean up ecological disasters? Can you make a prediction about the stock of the company in a disaster?

P6. SOCIAL STUDIES

Explore an international financial issue or the finances of an international company. What happens to the stock market if interest rates increase?

What happens to stocks if unemployment is high?

Demonstrate knowledge of the inter-relatedness of the past,

markets. Can you track these markets for a period of one week or one month?

P7. HEALTH / FITNESS

Can you identify companies, on the New York Stock Exchange, that develop health products, medicines or drugs. What happens to the stock when they invent a new drug? What happens to the stock if the company gets FDA approval for the drug?

P8. TECHNOLOGY

Can you describe multiple ways that technology is used to calculate stocks and report the stock market?

P9. CREATIVE EXPRESSION

Create a logo for a new company that will be listed on the stock market. What type of company did you pick? What products do they make?

Can you find advertising, clothing design, or music companies on the stock exchange?

P10. CAREERS

What types of training or education does a stock broker need? Do they take a test or need a license to work? Where and when do they work?

P11. COMMUNITY SERVICE

Read the financial section of the newspaper to an elderly person. Can you help them find information about a stock that they own?

P12. REPORT

Write a report comparing various stock brokerage companies.

Write a financial analysis of a particular stock over a one years period of time.

Write an annual report for a business including the value of their stock.

Write a report about the history of the stock market.

P13. PRESENTATION

Interview a stockbroker and verify information you have been collecting in your research.

Include this information in your report.

Can you present this portfolio of work to an employee of a financial institution.

Lesson 3

Insurance

P1. READING

Can you read a portion of the insurance policy on your home or automobile? Did you find any of the vocabulary words in these policies?

Can you read an advertisement for health or car insurance in the newspaper or on the companies web site? What do these insurance policies cover?

P2. MATH

How would you analyze the cost of health, car or home insurance?

Can you calculate the difference in your families car insurance when you begin driving the car? How will it change?

Does your school have a health insurance for students? What does is cost per month? Per year? What does it pay for?

P3. MAPS / GRAPHS / CHARTS

Chart the costs of automobile insurance based upon good and bad driving

records. How do these compare? Chart a comparison of the costs based upon various ages of drivers. Can you determine the variables that cause the highest fees for insurance?

P4. WORLD LANGUAGE

What types of insurance could you consider purchasing if

national organization that assists disaster victims?

Does the cost of insurance increase if you live in an area that is prone to natural or weather disasters? How many of these can you identify?

P6. SOCIAL STUDIES

How many insurance agents or companies are located in your city? Where would you find this information? Can you identify the different types of insurance that is available based upon the company names or advertisements?

Do you have insurance on your home? Can you read the policy to determine what protection is provided? Does the coverage affect the cost of the insurance? How would you find this information?

P7. HEALTH / FITNESS

Why do people buy health insurance? What percentage of a hospital bill do insurance companies pay?

Can you name organizations that provide health insurance for their employees? Should this be a consideration when selecting a future career?

What types of insurance could you consider purchasing if

FREE QUOTES!

Se Habla Español

- Auto
- Home
- Renters
- Business
- Commercial
- Life
- Motorcycle
- Mobile Home

The Original
ALL STAR INSURANCE
Since 1987

INCREIBLE RATES!

| | | |
|--|--|---|
| <p>A PLANT CITY Dover • Keysville • Seffner 813-752-5593 1860 James Redman Pkwy (Between Tag Office & Staples) V</p> | <p>A LAKELAND MULBERRY 813-764-8003 County Road 39 V</p> | <p>A BRANDON VALRICO 813-689-7767 113 East Brandon Blvd. (In Shell's Seafood Plaza) V</p> |
|--|--|---|

South Tampa 875-8888 North Tampa 977-4949

you were taking a trip to another country?

P5. SCIENCE

Can you buy insurance for disasters? What happens in a flood or earthquake if you don't have insurance? Is there a

P8. TECHNOLOGY

Can you find a web site for your states Department of Insurance? What information is found on this site. What is the role of the insurance commissioner in your state?

P9. CREATIVE EXPRESSION

Create a safety poster for an insurance company.

P10. CAREERS

What is the difference between an Insurance Agent and an Insurance Broker? What types of education do these careers require? Is there a test or a license for these careers?

P11. COMMUNITY SERVICE

Volunteer to read a health insurance policy to an elderly person.

Help clean up a disaster or community area where there is no insurance coverage.

P12. REPORT

Using your research describe your needs for insurance when you begin driving a car, attend college away from home, rent an apartment, need to see a doctor or dentist, and buy expensive technology equipment. Include your estimation of the cost and the value that the insurance provides.

P13. PRESENTATION

Present your report to your parents and to classmates to understand their views. Incorporate additional ideas and prepare a document that you will use in the future.

Lesson 4

Cost of Real Estate and Automobiles

P1. READING

Where would you find information about the cost of homes or automobiles in your area?

Can you read real estate or automobile advertisements?

automobiles that are produced around the world? What other financial factors would you consider when buying an automobile?

Can you calculate the interest paid on a car or home loan that is paid off in the contracted amount of time? How is this different from the original price?

Do you know how to figure interest on a home or automobile loan?

P3. MAPS / GRAPHS / CHARTS

How would you chart or graph the cost of real estate in 3 or more regions or states. Are there criteria that affect the cost of real estate? Can you name 5 different things that would increase the cost of a home?

P2. MATH

Calculate past and present interest rates for a home or automobile.

Can you analyze and compare the cost of

P4. WORLD LANGUAGE

Can you compare the cost of automobiles in the United States with the same car in another country? How does the

cost compare when the car is made in that country?

P5. SCIENCE

Can you identify 5 ways that the environment affects the cost of housing?

How does the physical environment dictate the building materials that are used in houses? How are these materials produced?

What factors are associated with vehicles, such as automobiles and trucks, and the environment? Can you identify changes to these vehicles that will improve the environment? How are these changes mandated?

P6. SOCIAL STUDIES

Complete an economic examination of the real estate in a city, state or region and project a 7-10 year future time frame with results presented in a minimum of three possible economic scenarios.

Compare costs of renting a home and buying a home in your community. What percentage of money is necessary to purchase a home? Can you describe what “equity” in a home means?

P7. HEALTH / FITNESS

What types of modifications are made to homes and automobiles to insure handicapped accessibility and use? Do these alterations increase the cost of the home or car? Can you identify the cost of one modification?

P8. TECHNOLOGY

Can you find real estate or automobile advertisements on the Internet? Can you purchase a car using the Internet?

P9. CREATIVE EXPRESSION

Could you create a “for sale” sign or advertisement for a home or automobile?

P10. CAREERS

What is the difference between a Real Estate Broker and a Mortgage Broker?

Do they each need a license to do their work? How do they get this license? What percentage of money do they make when a house is sold? How is this figured?

P11. COMMUNITY SERVICE

Can you volunteer at a homeless shelter or offer to transport an elderly person to their market or bank?

P12. REPORT

Write a report comparing automobile companies in the United States and those around the world? What types of vehicles are produced and what is the cost of these vehicles? How much tax is paid on these vehicles? Do you need a different drivers license for a motorcycle, automobile or

truck? Do automobiles have different warranties? Do they use different types or amounts of fuel? What does the fuel cost in your community? Can you



compare the cost of a new and previously owned automobile of the same model and brand.

Compare the cost of housing in your community. What factors affect the cost of houses? What factors affect the cost of renting an apartment? Does a house payment pay for the same services as a rental payment? If not, what other costs do homeowners have?

P13. PRESENTATION

Present your information to a class and discuss the costs of becoming an adult, of learning to drive and paying for your home.

Lesson 5

Income and Budgets

P1. READING

Where would you find information about money, interest rates, cost of products, finances, taxes, and budgets?

Does your PTA or school have a budget? How much money do they have to spend on

Can you identify the cost of electricity, water, phones and television service at your home each month? How does this change throughout the year? How can you create a budget to pay for these costs?

Can you compare interest rates offered by banks and credit unions or charged on credit cards? How do these rates affect the cost of an item that you have purchased?

Can you compare the cost of different brands of an item you wish to purchase?

clothing, and materials, will you have? How are you saving for these expenditures at this time?

Chart salaries for a particular occupation in locations around the country. Examples: Teacher, Computer Programmer, Doctor, Architect, Electrician.

P4. WORLD LANGUAGE

Can you create a budget for a meal using dollars, pounds, and the Euro? How do these compare?

P5. SCIENCE

How would you compare the budget of a local, regional or state science center or aquarium over time? Where do they get their funding? What percentage of the funding is based on attendance fees? Do people or organizations make donations to the center? Are their fundraising events to raise money for the science organization?

P6. SOCIAL STUDIES

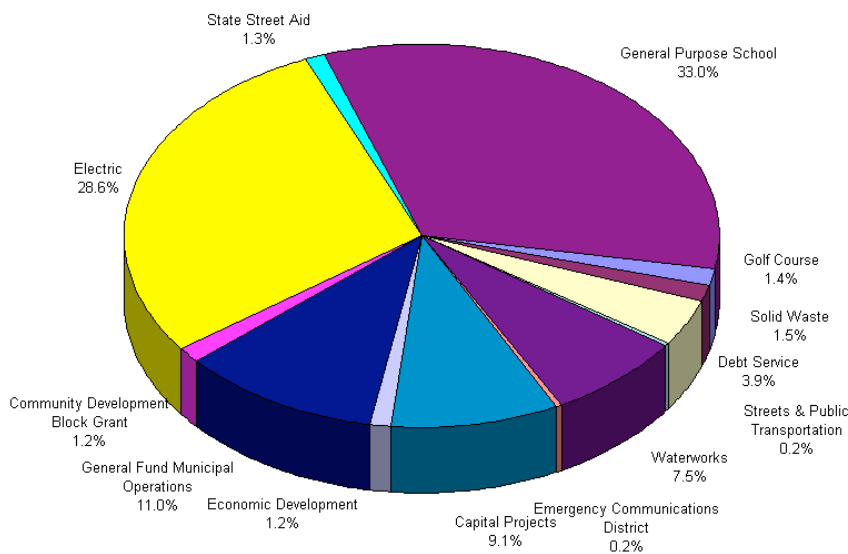
Create a 10 year life plan complete with planned expenditures and financial goals.

P7. HEALTH / FITNESS

Can you compare the cost of generic drugs and the same drug with a brand name?

How would you compare the cost of different exercise or fitness clubs? How do they charge for using their facilities? Is there a way to exercise that is

City of Oak Ridge, Tennessee
Proposed Budget Summary - All Funds
FY 1998



books?

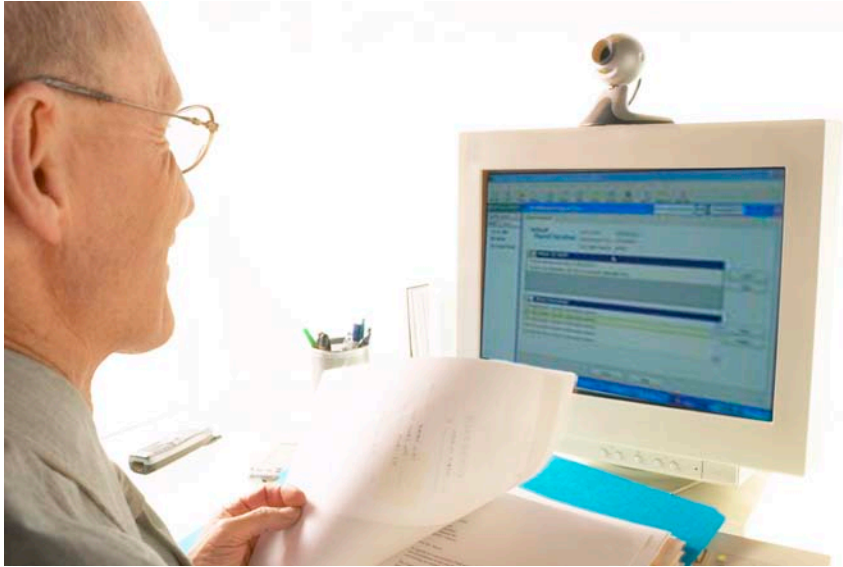
P2. MATH

How do you make money or receive money each month or year? Do you have a bank account? How do you determine when you can purchase an item that you want?

P3. MAPS / GRAPHS / CHARTS

Can you analyze the cost of your future educational plans by creating a spreadsheet of the tuition at 3 different colleges or schools? What other costs, such as housing, food, books,

less expensive? What does exercise equipment cost for your home?



P8. TECHNOLOGY

Investigate the cost of a particular type of technology product. How does the cost change with different brands? How much will the item cost if is is charged on a credit card?

Learn how to use a personal finance and budget software such as Quicken or Quickbooks.

What tools do you use to figure your income and budget? Why is it important to keep track of this each month and year?

Can you create a Power Point presentation on the importance and methods of saving money? Can you present this information to a group of students or parents.

P9. CREATIVE EXPRESSION

Could you create a poster or brochure that describes the benefits of saving money?

How would you create a mural for a non profit organization or a poster for a fund raising event for this organization?

Could you create a sign or a web site advertisement for a fundraising event at your school?

P10. CAREERS

Investigate the careers that help people manage finances, create budgets, and contribute to retirements or savings accounts. What skills do these people need and where did they learn these skills?

What percentage of your money or property, donated to churches or non-profit organizations, can be deducted from your taxes? If you cannot

donate money or property, how could you help the organization?

P11. COMMUNITY SERVICE

How would you raise funds for a charitable organization or a cultural event? What is their budget and how do they spend their money?

P12. REPORT

Write an article for the school newspaper about school budgets.

P13. PRESENTATION

Compare your research information with another class or school studying the same issue.

Present your report on saving, economic responsibility or financial plans for the future including higher education to a group of students.

Primary Content

P1 READ TO UNDERSTAND ABOUT GLOBAL ECONOMICS

1. Recognize, sound, spell and write the global economics vocabulary words
2. Identify correct meaning of words and sentences
3. Write global economics vocabulary words in sentences

4. Identify main idea, important elements and sequence of events in stories and articles about global economics

P₂ CONDUCT A MATHEMATICAL ANALYSIS OF GLOBAL ECONOMICS

1. Use numbers to count, and identify global economics information

2. Use math to find the best price on a given product

3. Use math to compare currencies in different countries

4. Understand money amounts and costs associated with owning a credit card

P₃ CREATE MAPS, GRAPHS AND CHARTS ABOUT GLOBAL ECONOMICS

1. Read and interpret tables or charts dealing with global economics

2. Construct graphs, tables, and charts from given global economics information

3. Create a map of major world corporations

4. Analyze information presented in global economics maps and graphs

P₄ COMMUNICATE GLOBAL ECONOMICS INFORMATION IN ANOTHER LANGUAGE

1. Recognize a few global economics vocabulary words in another language

2. Recognize all of the global economics vocabulary words in another language

3. Speak and write vocabulary words in one other language.

4. Label global economics pictures and charts using words in another language

P₅ CONDUCT A SCIENTIFIC RESEARCH ABOUT GLOBAL ECONOMICS

1. Generate reasonable scientific explanations related to global economics

2. Use scientific method to understand agricultural effects on global economics

3. Interpret scientific data about the costs of pollution on global economics

4. Conduct a scientific investigation of one aspect of global economics

P₆ CONDUCT A SOCIAL STUDIES INVESTIGATION ABOUT GLOBAL ECONOMICS

1. Identify and exhibit good citizenship in regarding business ethics in different countries

2. Identify and explain historical events related to the economy of a particular country

3. Identify different consumer products and how they are sold in different countries

4. Evaluate discoveries, inventions, and innovations related to global economics

P₇ INVESTIGATE THE HEALTH ISSUES RELATED TO GLOBAL ECONOMICS

1. Understand the types of health plans offered in different countries

2. Understand the reasons why health plans exist

3. Identify a method for improving medical costs

4. Create a brochure about preventive health care

P₈ UNDERSTAND THE TECHNOLOGY APPLICATIONS WITH GLOBAL ECONOMICS

1. Learn how technology is used in the stock market

2. Understand the purpose for a variety of technology tools in banking

3. Analyze your economics information using a technology tools

4. Record your economics information using computers, the Internet, and digital equipment

P₉ PRODUCE A CREATIVE EXPRESSION ABOUT GLOBAL ECONOMICS THROUGH ART, MUSIC OR DRAMA

1. Research various economics information creative expressions such as art, music, dance, and drama

2. Analyze, interpret or create a global economics picture, poster or mural

3. Perform music or sing songs about economics information

4. Present an original economics information related work of art to an audience or in an exhibit

P₁₀ INVESTIGATE CAREERS ASSOCIATED WITH GLOBAL ECONOMICS

1. Identify the multiple careers associated with global economics
2. Investigate how banking careers have changed over time
3. Determine skills necessary for a careers in global economics
4. Summarize one global economics related career that is interesting

P₁₁ COMPLETE A GLOBAL ECONOMICS RELATED COMMUNITY SERVICE

1. Demonstrate understanding for the need for community service
2. Identify ways that people can contribute to charities
3. Determine various global economics service options in your community
4. Complete an economic service project

P₁₂ WRITE A REPORT ABOUT GLOBAL ECONOMICS

1. Create a global economics dictionary with definitions
2. Present global economics information in a paragraph or report

3. Include accurate information and the most important ideas in your research
4. Use complete sentences, correct spelling, correct punctuation, appropriate capitalization

P₁₃ MAKE A GLOBAL ECONOMICS PRESENTATION FOR A JURY USING MULTI MEDIA TOOLS

1. Organize a global economics presentation for an audience
2. Develop charts or materials to portray information
3. Deliver presentation smoothly without notes
4. Use appropriate vocal inflections and verbal expressions

Intermedi- ate Content

P₁ READ TO UNDERSTAND ABOUT GLOBAL ECONOMICS

1. Read myths, legends, literature, informative articles, and biographies about global economics
2. Read from dictionaries, encyclopedias, atlases, newspapers, periodicals, reports, resource books, annual reports and the Internet to gather specific information about global economics

3. Identify details and specific information about global economics
4. Summarize, compare, contrast and draw conclusions from global economics facts

P₂ CONDUCT A MATHEMATICAL ANALYSIS OF GLOBAL ECONOMICS

1. Understand and use fractions and decimals to determine housing values
2. Measure length, volume, and area of a store that is for sale
3. Use mathematics to solve complex global economics problems
4. Calculate costs associated with renting a home in another country

P₃ CREATE MAPS, GRAPHS AND CHARTS ABOUT GLOBAL ECONOMICS

1. Explore global economics issues using maps, graphs and charts
2. Recognize conflicting messages conveyed through graphical representations
3. Use graphics to present comparative information, interpretations, and analyses of retail growth in different countries
4. Use maps to locate stock exchanges in different parts of the world

P₄ COMMUNICATE GLOBAL ECONOMICS INFORMATION IN ANOTHER LANGUAGE

1. Follow simple directions in another language
2. Recognize global economics vocabulary words in two or more languages
3. Construct sentences and write global economics reports in another language
4. Speak and write vocabulary words in two or more languages

P₅ CONDUCT A SCIENTIFIC RESEARCH ABOUT GLOBAL ECONOMICS

1. Solve a range of global economics related problems using a variety of strategies and procedures
2. Use tools and technology to obtain up to date information about scientific issues in global economics
3. Understand the importance of the effects of natural phenomena on global economics
4. Survey the macro-ecological surroundings of a region of a country and interpret its effects on the economy of that region

P₆ CONDUCT A SOCIAL STUDIES INVESTIGATION ABOUT GLOBAL ECONOMICS

1. Understand the part that a country's cultures play in its economics

2. Identify the laws that pertain to trading on global stock markets
3. Determine how news sources report fact and opinion about global economics
4. Identify multiple historical facts about financial institutions in different countries

P₇ INVESTIGATE THE HEALTH ISSUES RELATED TO GLOBAL ECONOMICS

1. Identify health problems and disease in a particular world region and their impact on the region's economics
2. Understand the need for preventative health care
3. Identify safety rules related to global economics
4. Identify locations in the world that sell particular kinds of medications

P₈ UNDERSTAND THE TECHNOLOGY APPLICATIONS WITH GLOBAL ECONOMICS

1. Identify appropriate communication tools for accessing up to date stock market reports
2. Find global economics information on the efg world wide web site
3. Present global economics information using multi media tools and world wide web applications
4. Research global economics issues by asking questions of others using communication tools

P₉ PRODUCE A CREATIVE EXPRESSION ABOUT GLOBAL ECONOMICS THROUGH ART, MUSIC OR DRAMA

1. Use creative expression to convey multiple and divergent perspectives of global economics
2. Research the historical perspective on a particular work of art that features global economics
3. Review, create or perform a musical work that represents global economics
4. Create a photo album depicting economics in your part of the world

P₁₀ INVESTIGATE CAREERS ASSOCIATED WITH GLOBAL ECONOMICS

1. Identify education necessary to obtain the skills for a global economics related career
2. Interview or "job shadow" various people in different global economics careers
3. Investigate geographic location for specific global economics careers
4. Research economic benefits from various careers

P₁₁ COMPLETE A GLOBAL ECONOMICS RELATED COMMUNITY SERVICE

1. Identify a volunteer opportunity or a service in the community related to global economics

2. Develop goals for the service and a timeline to complete the assistance
3. Complete a service of short duration associated with global economics
4. Analyze the value of the service that was provided

P₁₂ WRITE A REPORT ABOUT GLOBAL ECONOMICS

1. Organize global economics information, explanations and supporting details
2. Write unified and well-formed paragraphs which develop specific global economics information
3. Write a report using notes, interviews, pertinent data and multiple sources of global economics information
4. Use transitions from one subtopic to the next

P₁₃ MAKE A GLOBAL ECONOMICS PRESENTATION FOR A JURY USING MULTI MEDIA TOOLS

1. Create a chart, exhibition or Power Point presentation about the global economics study
2. Demonstrate clear connections to the oral presentation
3. Include one or more areas of emphasis and all important information
4. Respond to questions from the audience

Advanced Content

P₁ READ TO UNDERSTAND ABOUT GLOBAL ECONOMICS

1. Read about key global economics issues around the world
2. Analyze motive, point of view, conflicts and solutions related to global economics issues
3. Determine which ideas are accurate and complete. Distinguish fact from opinion
4. Answer global economics questions in a manner that is plausible, logical, clear and well-supported

P₂ CONDUCT A MATHEMATICAL ANALYSIS OF GLOBAL ECONOMICS

1. Using mathematics compare the features of credit cards offered by various banks
2. Calculate costs associated with purchasing a new home in your community
3. Analyze the contributing factors to that cost
4. Compare the cost between different communities, states or countries

P₃ CREATE MAPS, GRAPHS AND CHARTS ABOUT GLOBAL ECONOMICS

1. Create and use maps around the world identifying major financial institutions

2. Identify the countries which receive most of the exports from the U.S.
3. Graph or chart information on salaries in a particular occupation in the past compared to the present
4. Use graphs and charts to communicate mathematical interpretations

P₄ COMMUNICATE GLOBAL ECONOMICS INFORMATION IN ANOTHER LANGUAGE

1. Answer global economics questions in another language
2. Access world wide global economics information by communicating with a person in another language
3. Label retail products in another language
4. Write a summary of your global economics presentation in another language

P₅ CONDUCT A SCIENTIFIC RESEARCH ABOUT GLOBAL ECONOMICS

1. Describe a plant or animal in detail and how it might be affected by poor economic conditions
2. Demonstrate an understanding of the cost of worldwide water and energy production or use
3. Research a natural or manmade disaster and the economic effects on plants, animals and people
4. Understand the relation of human needs and the

resultant effects on the ecosystem

P6 CONDUCT A SOCIAL STUDIES INVESTIGATION ABOUT GLOBAL ECONOMICS

1. Demonstrate knowledge of local, state, national and world laws governing corporations
2. Compare information on the costs of insuring a business from the past to the present
3. Identify the relation of world wide transportation to global economics
4. Create a 5 year analysis of the export of farm goods to another country

P7 INVESTIGATE THE HEALTH ISSUES RELATED TO GLOBAL ECONOMICS

1. Investigate the ability of a country to provide adequate health care based on its economic condition
2. Demonstrate knowledge of health care agencies in your community
3. Describe how community health care agencies are involved in global economics
4. Determine if health insurance is a factor in global economics

P8 UNDERSTAND THE TECHNOLOGY APPLICATIONS WITH GLOBAL ECONOMICS

1. Produce effective and accurate multi media

presentations about the economy of a particular country

2. Create a CD ROM, Power Point presentation or world wide web site about global economics
3. Evaluate two or more technology tools used in international banking
4. Present a plan for improving communications technology in world economics

P9 PRODUCE A CREATIVE EXPRESSION ABOUT GLOBAL ECONOMICS THROUGH ART, MUSIC OR DRAMA

1. Demonstrate understanding of a country's culture through its clothing and food products
2. Compile an historical timeline of music related to global economics
3. Create a display ad for a new bank
4. Analyze a video depicting information about global economics

P10 INVESTIGATE CAREERS ASSOCIATED WITH GLOBAL ECONOMICS

1. List the careers or jobs that pertain to global economics
2. Create a newspaper ad for employees for a global economics related company or organization
3. Compile a personal resume of your employability skills
4. Investigate quality tools and personal responsibility

necessary for particular careers in global economics

P11 COMPLETE A GLOBAL ECONOMICS RELATED COMMUNITY SERVICE

1. Complete a service project related to global economics
2. List the results and identify the persons or locations that have benefited from the work
3. Create and distribute an evaluation form for a person or organization to complete
4. Develop a plan for maintaining the improvement in the future

P12 WRITE A REPORT ABOUT GLOBAL ECONOMICS

1. Use the complete and accurate form required for the task (e.g., title page and bibliography)
2. Use illustrations, graphs and charts to complement and explain the ideas in the text
3. Use headings and subheading to represent the appropriate levels of organization and describe the global economics information adequately and accurately
4. Produce an attractive, neat and easily read report that conveys all aspects of the global economics project

P13 MAKE A GLOBAL ECONOMICS PRESENTATION FOR A JURY USING MULTI MEDIA TOOLS

1. Make a global economics presentation using appropriate technology and multi media tools
2. Exclude extraneous details
3. Respond appropriately to questions from the jury or audience
4. Modify global economics presentation to reflect audience questions and interest

Expert Content

P1 READ TO UNDERSTAND ABOUT GLOBAL ECONOMICS

1. Read multiple sources of information, such as books, reports, newspapers and the Internet, about the past, present and future of issues related to international finance issues

P2 CONDUCT A MATHEMATICAL ANALYSIS OF GLOBAL ECONOMICS

1. Create a mathematical analysis of one aspect of global economics over time. This could be analyzing costs of: hiring a stock broker or real estate broker, engaging in online trading, currency in various countries, etc

P3 CREATE MAPS, GRAPHS AND CHARTS ABOUT GLOBAL ECONOMICS

1. Demonstrate knowledge of financial centers in the world by drawing on a blank globe or creating a 3 dimensional world model

P4 COMMUNICATE GLOBAL ECONOMICS INFORMATION IN ANOTHER LANGUAGE

1. Interview someone from another country, in their language, and record their response to global economics related questions

P5 CONDUCT A SCIENTIFIC RESEARCH ABOUT GLOBAL ECONOMICS

1. Survey a defined area of land or water that is represented in global economics. Interpret the macro-ecological surrounding including possible pollution. Include a detailed description of the plants and animals affected and the economic costs involved

P6 CONDUCT A SOCIAL STUDIES INVESTIGATION ABOUT GLOBAL ECONOMICS

1. Conduct an economic examination of global economics in a business, region, or country over a 7 - 10 year time frame and present 3 economic scenarios for the future

P7 INVESTIGATE THE HEALTH ISSUES RELATED TO GLOBAL ECONOMICS

1. Conduct a thorough analysis of the health issues associated with global economics

P8 UNDERSTAND THE TECHNOLOGY APPLICATIONS WITH GLOBAL ECONOMICS

1. Analyze three global economics technologies that have evolved over time

P9 PRODUCE A CREATIVE EXPRESSION ABOUT GLOBAL ECONOMICS THROUGH ART, MUSIC OR DRAMA

1. Create a work of art featuring one aspect of global economics

P10 INVESTIGATE CAREERS ASSOCIATED WITH GLOBAL ECONOMICS

1. Analyze 3 separate careers in a global economics related industry and compare skills, educational requirements, economic benefits, and geographic locales

P11 COMPLETE A GLOBAL ECONOMICS RELATED COMMUNITY SERVICE

1. Organize a fund-raising drive to help disaster victims. Create advertising for the event, coordinate the service project, identify number of participants and report results

PI2 WRITE A REPORT ABOUT GLOBAL ECONOMICS

1. Write a complete report with chapters describing research in each portfolio category, a table of contents, and a bibliography of books, periodicals, newspapers and Internet sites

PI3 MAKE A GLOBAL ECONOMICS PRESENTATION FOR A JURY USING MULTIMEDIA TOOLS

1. Present the global economics project to a real or digital audience providing an opportunity for questions and responding with accurate answers. Post the global economics project on a world wide web site

efgStandards

Global Economics *efgProject™ Portfolio*

This Chapter provides the content standards that can be applied to the “Global Economics” Project to insure that students are learning necessary skills to increase achievement on standardized tests.

CONTINUOUS LEARNING RUBRICS IN 13 CONTENT AREAS

PI.00 READING

Read up to date, real world information to understand the “efg” Project

PI.01

Recognize, sound, spell and write “efg” Project words

PI.02

Identify correct meaning of words and sentences

PI.03

Read myths, legends, literature, informative articles, biographies, autobiographies, historical fiction, dramas, and folk tales appropriate for the “efg” Project

PI.04

Read from dictionaries, encyclopedias, atlases, newspapers, periodicals, reports, resource books, annual reports and the Internet to gather specific “efg” Project information

PI.05

Identify main idea, important elements and sequence of events in books and documents

PI.06

Identify details and describe setting and characters

PI.07

Identify primary relationships such as cause and effect

PI.08

Summarize, compare and contrast items and draw conclusions from given facts

PI.09

Analyze motive, mood, point of view, conflicts and solutions.

PI.10

Determine which ideas are accurate and complete. Distinguish “efg” fact from opinion

PI.11

Answer Project questions in a manner that is plausible, logical, clear and well-supported by evidence from the reading

PI.12

Make connections to other works written by the same author, reporter, scientist or military expert

P2.00 MATH

Conduct real world math applications for each “efg” Lesson

P2.01

Use numbers to count, and identify location

| | | |
|--|--|--|
| P2.02 Perform mathematical procedures efficiently, accurately, and completely | theoretical information and a wide range of procedures or strategies | P3.05 Recognize conflicting information conveyed through graphical representation |
| P2.03 Use whole numbers to add, subtract, multiply and divide | P2.II Analyze, draw conclusions, and make mathematical generalizations about the “efg” Project | P3.06 Make judgments about the appropriate use of graphs and charts to represent information |
| P2.04 Understand and use fractions and decimals to understand “efg” Project information | P2.I2 Connect mathematical solutions to the original “efg” Project and extend to “next step” investigations | P3.07 Find specific “efg” Project locations on a local, state, national and world map |
| P2.05 Understand money amounts and value throughout “efg” | P3.00 MAPS / GRAPHS / CHARTS Create geographic and graphical representation of “efg” Project details | P3.08 Use maps to understand historical and current events and to research “efg” issues |
| P2.06 Measure length, weight, volume, area and temperature | P3.01 Read and interpret tables, graphs and charts | P3.09 Use and create road, product, resource, land form, climate, population, and political maps |
| P2.07 Use mathematics to solve complex “efg” problems | P3.02 Construct graphs, tables, charts and grids from given information | P3.10 Identify geographic connections between the U.S. and other countries |
| P2.08 Represent mathematical findings, data, and relationships in reasonable and effective ways | P3.03 Analyze information and solve problems presented in graphic representation | P3.II Demonstrate “efg” knowledge of physical, political and cultural geography by drawing on a blank globe, creating a graph or chart, or building a 3 dimensional model or diorama. |
| P2.09 Use tools appropriately to understand and communicate mathematical ideas and solutions | P3.04 Explore “efg” ideas, issues, and relationships through graphics | P3.12 Make Project information explicit by using maps and |
| P2.10 Solve a range of “efg” problems, indexed by complexity, using real-world and | | |

graphics to highlight “efg” ideas and interpretations

P4.08

Construct sentences and write reports in two or more languages.

P5.03

Interpret data and formulate hypotheses that are testable

P4.00 WORLD LANGUAGE

Understand and communicate “efg” Project information in another language

P4.09

Understand implications, can draw appropriate inferences and answer questions in the language.

P5.04

Create justification appropriate to scientific research

P4.01

Recognize a few “efg” Project vocabulary words in another language

P4.10

Access information and communicate in person or on the internet in other languages.

P5.05

Solve a range of science problems using a variety of strategies and procedures

P4.02

Recognize all of the “efg” Project vocabulary words in another language

P4.11

Complete the entire “efg” project and portfolio of work in another language.

P5.06

Use tools and technology to obtain up to date information and communicate ideas about the “efg” Project

P4.03

Speak and write vocabulary words in one other language.

P4.12

Demonstrate understanding of project words in 5-10 other languages

P5.07

Display a depth of understanding of important science content and ideas

P4.04

Follow simple directions in the language.

P5.00 SCIENCE

Apply scientific research to the “efg” Project

P5.08

Demonstrate the ability to survey a defined area of land, water, or air, biologically, chemically and physically, and interpret its macro-ecological surrounding.

P4.05

Construct sentences and write reports in another language

P5.01

Generate reasonable explanations of scientific ideas

P5.09

Describe a plant or animal in detail and highlight its value to the living systems

P4.06

Recognize all of the “efg” Project vocabulary words in two or more languages

P5.02

Use scientific models to make sense of the “efg” Project information

P5.10

Demonstrate an understanding of energy and various conversions of that energy in a “efg” Lesson

P4.07

Speak and write vocabulary words in two or more languages

| | | |
|--|---|---|
| <p>P5.II Demonstrate knowledge of pollution of natural systems with results presented in separate scenarios for air, water, soil, plants, and animals.</p> | <p>P6.05 Understand cultural diversity in the “efg” Project: families, schools, neighborhoods, cities or countries</p> | <p>P6.I2 Create a 10 year life plan that includes personal, physical, educational, occupational, and economic goals.</p> |
| <p>P5.I2 Understand the relation of human needs in the “efg” Project and the resultant effects on the ecosystem</p> | <p>P6.06 Identify the laws that pertain to people and the “efg” Project</p> | <p>P7.00 HEALTH / FITNESS Incorporate all aspects of health and fitness appropriate for the “efg” Project</p> |
| <p>P6.00 SOCIAL STUDIES Apply social studies concepts to the “efg” Project</p> | <p>P6.07 Determine how news sources reflect fact and opinion about the “efg” Project</p> | <p>P7.01 Understand the basic elements of good health</p> |
| <p>P6.01 Identify and exhibit good citizenship, responsibility, and cooperation while working on the “efg” Project</p> | <p>P6.08 Conduct an economic examination of a military base and identify how resources are used to meet the needs of people</p> | <p>P7.02 Explain the structure and functions of the human body</p> |
| <p>P6.02 Identify and explain historical events that effect the “efg” Project</p> | <p>P6.09 Demonstrate knowledge of local, state, national or world governments the role they play in the “efg” Project</p> | <p>P7.03 Establish a life long fitness plan</p> |
| <p>P6.03 Explain “efg” Project goods and services and how they are produced, advertised, and obtained</p> | <p>P6.I0 Understand the relationship between the past, present and future by thoroughly examining a “efg” Project issue, current event, place, person, or resource.</p> | <p>P7.04 Demonstrate teamwork</p> |
| <p>P6.04 Evaluate the influence of discoveries, inventions, and innovations on the “efg” Project.</p> | <p>P6.II Demonstrate knowledge of global interdependence by creating a 5 year global analysis of a “efg” Project condition, resource or technology.</p> | <p>P7.05 Identify health problems and disease both locally and throughout the efg</p> <p>P7.06 Understand the need for immunizations and preventative health care for the military and their families</p> |

| | | |
|---|--|---|
| <p>P7.07 Calculate the cost of health care products and health insurance</p> | <p>P8.02 Understand the general purposes for a variety of technology tools</p> | <p>P8.09 Make appropriate, reasonable and efficient connections between technologies and “efg need</p> |
| <p>P7.08 Identify locations in the world that are sources for medicines</p> | <p>P8.03 Identify appropriate technological tools for solving simple and routine problems in the “efg” Project</p> | <p>P8.10 Produce effective and accurate multi media presentations appropriate for a specific audience such as CD ROMS, DVD’s, Power Point presentations, and World Wide Web sites</p> |
| <p>P7.09 Understand environmental issues relation to health</p> | <p>P8.04 Demonstrate basic operational skills for computers, the internet, digital equipment and other technology tools</p> | <p>P8.11 Evaluate two or more technology or communication tools used in the efg</p> |
| <p>P7.10 Describe health care agencies on a military base</p> | <p>P8.05 Identify appropriate communication tools for accessing up to date information and solving complex problems in the “efg” Project</p> | <p>P8.12 Reflect upon current technology and communication tools and present a plan for the next generation of such tools</p> |
| <p>P7.11 Investigate the latest in technology advances for health care</p> | <p>P8.06 Demonstrate ability to present “efg” Project information using multi media tools and world wide web applications.</p> | <p>P9.00 CREATIVE EXPRES- SION Use visual art, graphic design, film, or music to creatively present “efg” Project information</p> |
| <p>P7.12 Identify “efg” safety issues related to health</p> | <p>P8.07 Interact with others, in the “efg” using communication tools</p> | <p>P9.01 Research various creative expressions such as visual art, music, dance, and theater</p> |
| <p>P8.00 TECHNOLOGY Use all forms of technology tools to access, manage and communicate “efg” Project information</p> | <p>P8.08 Obtain “efg” Project information using all forms of communication tools including the Internet and efg world wide web site</p> | <p>P9.02 Analyze, interpret, create or perform a particular work of art in the “efg” Project</p> |

| | | |
|---|---|---|
| <p>P9.03 Present work of art to an audience or at an exhibit</p> | <p>P9.II Evaluate the role of creative expression in the world today</p> | <p>P10.07 Investigate geographic location for specific “efg” careers</p> |
| <p>P9.04 Understand personal, family, community, and military artistic representations</p> | <p>P9.I2 Describe the value of one type of art, design, music, film, theater or dance for the “efg” Project</p> | <p>P10.08 Research economic benefits from various careers</p> |
| <p>P9.05 Use creative expression to convey multiple and divergent perspectives of the “efg” Project</p> | <p>P10.00 CAREERS Investigate and understand the careers associated with the “efg” Project</p> | <p>P10.09 Create a World Wide Web site or advertisement presenting a career in the military</p> |
| <p>P9.06 Research the historical perspective on a particular work of “efg” art or creative expression</p> | <p>P10.01 Investigate changes in these careers over time</p> | <p>P10.10 Create a chart, logo, or brochure for a school or educational organization in the “efg” Project</p> |
| <p>P9.07 Review, create or perform a musical work that is related to the “efg” project</p> | <p>P10.02 Identify the multiple careers associated with the “efg” Project</p> | <p>P10.11 Create a personal biography resume of your employability skills</p> |
| <p>P9.08 Uses creative expression to portray the “efg” Project digitally</p> | <p>P10.03 Determine skills necessary for each “efg” Project career</p> | <p>P10.12 Identify the personal responsibility skills necessary for particular “efg” Project careers</p> |
| <p>P9.09 Demonstrate understanding of world culture through story telling, music, visual arts, dance, drama, clothing and food preparation.</p> | <p>P10.04 Identify one “efg” Project career and research it in depth</p> <p>P10.05 Identify education necessary to obtain the skills for that particular career</p> | <p>P11.00 COMMUNITY SERVICE Apply what you have learned in the “efg” Project by providing service to others</p> |
| <p>P9.10 Investigate all aspects of an artistic organization and report findings</p> | <p>P10.06 Interview or “job shadow” various people in different “efg” careers</p> | <p>P11.01 Demonstrate understanding for the need for service.</p> |

P11.02
Identify various ways that people volunteer in your school

P11.03
Determine various service options in your community

P11.04
Identify a type of service for the “efg” Project

P11.05
Determine the various volunteer opportunities

P11.06
Develop goals for the service and a timeline to complete the assistance.

P11.07
Complete a service, of short duration, associated with the “efg” Project

P11.08
Analyze the value of the service that was provided

P11.09
Plan a lengthy service project with definable results.

P11.10
Identify the persons or locations that will benefit from the service to be provided

P11.11
Create an evaluation form or response letter for recipient or organization receiving the assistance.

P11.12
Develop a comprehensive list of service opportunities for the “efg” Project

P12.00 WRITING
Write about all aspects of the “efg” Project using real world information from multiple sources including the Internet

P12.01
Present a wide range of information about the “efg” Project

P12.02
Include accurate information and the most important ideas about the “efg” Project

P12.03
Use complete sentences, correct spelling, correct punctuation, appropriate capitalization

P12.04
Compose meaningful text applying knowledge of grammar

P12.05
Present information and relationships with explanations and supporting details and the “efg” Project

P12.06
Write unified and well-formed paragraphs that present relevant content and specific information

P12.07
Use transitions from one subtopic to the next

P12.08
Write report using notes, interviews, pertinent data and multiple sources of “efg” Project information

P12.09
Use the complete and accurate form required for the task (e.g., title page and bibliography)

P12.10
Use illustrations, graphs and charts to complement and explain the ideas in the text.

P12.11
Use headings and subheading to represent the appropriate levels of organization and describe the contents adequately and accurately

P12.12

Produce an attractive, neat and easily read report or document that conveys all aspects of the “efg” project

P13.00 PRESENTATION

Present “efg” Project work to a real or digital audience

P13.01

Develop presentation and topic that are appropriate to the audience

P13.02

Deliver presentation smoothly without notes

P13.03

Organize a focused presentation

P13.04

Use appropriate vocal inflections and verbal expressions.

P13.05

Evoke interest and attentiveness from the audience

P13.06

Demonstrate clear connections to the “efg” Project

P13.07

Include one or more areas of emphasis

P13.08

Include all important information.

P13.09

Exclude extraneous details

P13.10

Use appropriate technology and multi media tools

P13.11

Respond appropriately to questions

P13.12

Modify “efg” Project presentation to reflect audience questions and interest

All or some of these standards can be identified based upon student level of learning and the “Global Economics” Project Content and Lessons. These all connect to state and national standards used on standardized measurements. They also promote student research, problem solving, data analysis, record keeping, portfolio products and digital presentations. These are all real Life2Learning skills.

All of the efg life to learning curriculum and this “Global Economics” efgProject™ are copyrighted to Barbara Barnes. The curriculum is to be used only by the purchaser. No other duplication or distribution is allowed.

