

Into the Classroom

Summer Professional Development for Educators



ECONOMIC SUMMIT

Dallas Fed

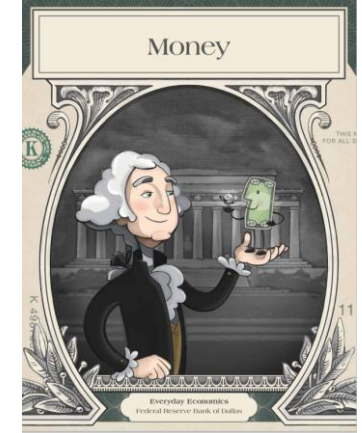
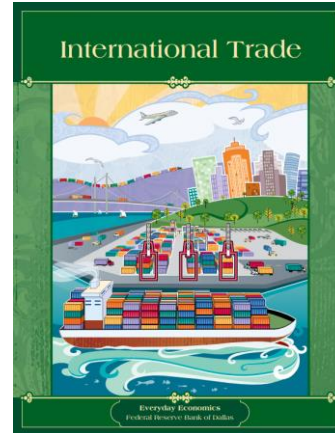
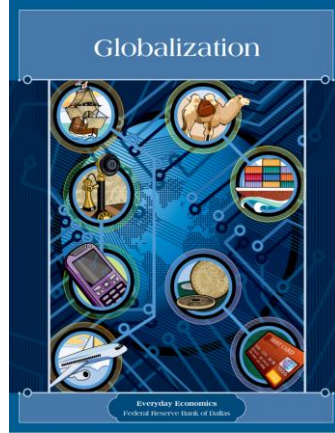
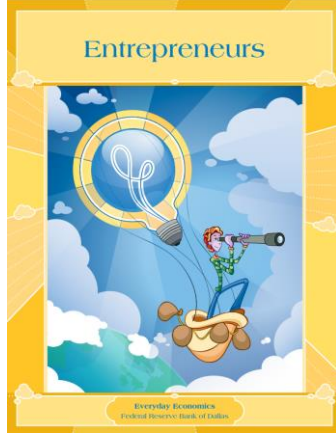
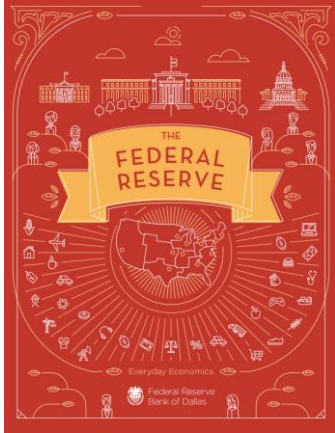
Professional Development
for Educators

Dallas | June 30

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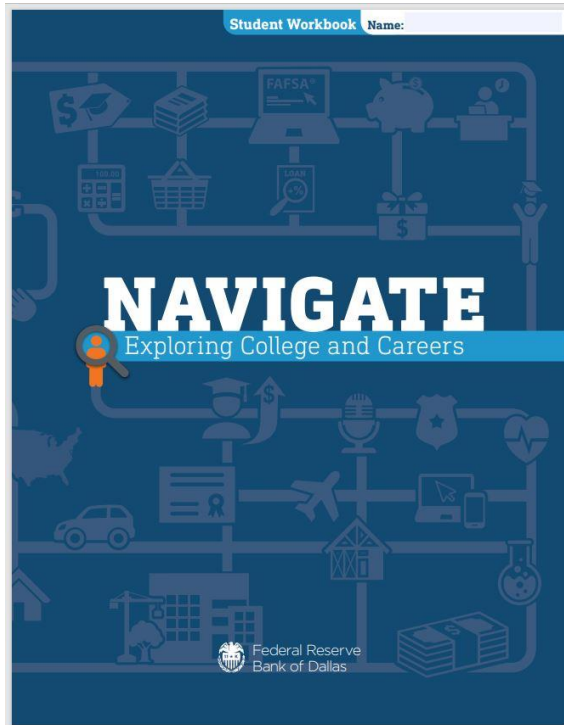
Dallas Fed Classroom Resources

Everyday Economics



[Everyday Economics - Dallasfed.org](http://Dallasfed.org)

Navigate



Unit 1 **Exploring Careers**

Unit 2 **What About College**

Unit 3 **How Do I Get In?**

Unit 4 **How Much Does College Cost?**

Unit 5 **Paying for College**

Unit 6 **Future Paths**

[Navigate: Exploring College and Careers - Dallasfed.org](https://dallasfed.org/navigate)

Building Wealth

Building Wealth

A Beginner's Guide to Securing Your Financial Future



Cómo crear riqueza

Una guía introductoria para asegurar su futuro económico



Budget to Save

1. The Balance Sheet
2. Developing a Budget

Save and Invest

3. Put It in the Bank
4. **Owning Versus Renting**
5. The Role of Financial Markets
6. Bonds, Stocks and Mutual Funds
7. Risk and Return

Build Credit

8. Understanding Credit Reports and Scores

Take Control of Debt

9. Choosing the Right Loan (Under revision)

Protect Your Wealth

10. Insurance (Under revision)

Save and Invest

Owning Versus Renting

Lesson [PDF](#) | Procedure [PDF](#)

Assessments

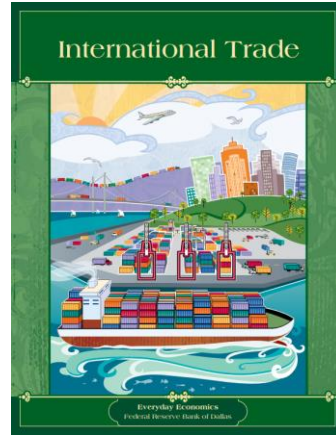
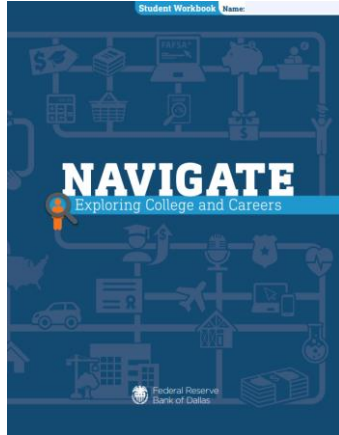
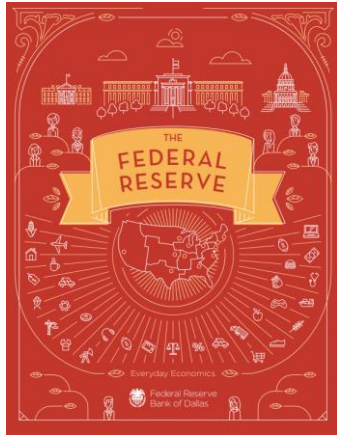
1. Lease or Buy Video [PDF](#)

Handouts

1. Guided Notes [PDF](#)
2. Lease Agreement [PDF](#)
3. Examples of Housing Discrimination [PDF](#)

[For Teachers - Building Wealth - Dallas Fed](#)

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- Expanded content
- Accessible language
- Virtual scavenger hunt & group activities



dallasfed.org/visit

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- Introduction to central banking in the U.S., the Federal Reserve System, and the Eleventh Reserve District
- Grades 6-University
- Presentation by and Q&A with a Dallas Fed employee Ambassador



<https://www.dallasfed.org/educate/classroom/resources>

Bringing Current Issues Into the Classroom - Energy



Dallas Fed Economics

Energy

High Fuel Prices in the U.S. May Crimp Oil Demand Soon

Garrett Golding

June 21, 2022

Oil prices have surged, with benchmark West Texas Intermediate (WTI) crude jumping from an average \$71 per barrel in December 2021 to \$109 in May 2022. U.S. inventories of gasoline and diesel are running low and refining capacity is strained, while export demand remains strong.

[High Fuel Prices in the U.S. May Crimp Oil Demand Soon - Dallasfed.org](https://www.dallasfed.org/economics/high-fuel-prices-in-the-u-s-may-crimp-oil-demand-soon)

Dallas Fed

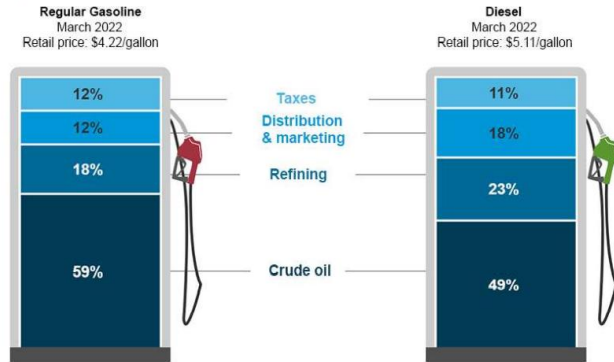


Don't Look to Oil Companies to Lower High Retail Gasoline Prices

Garrett Golding and Lutz Kilian

May 10, 2022

Chart 1
What We Pay for a Gallon of Fuel



SOURCE: U.S. Energy Information Administration, Gasoline and Diesel Fuel Update.

Federal Reserve Bank of Dallas

[Don't Look to Oil Companies to Lower High Retail Gasoline Prices - Dallasfed.org](https://www.dallasfed.org/outlook/energy/20220510-dont-look-to-oil-companies-to-lower-high-retail-gasoline-prices)

Discussion Questions

- What hinders increasing U.S. oil production? If you were a policy maker, what kind of policies would you implement to help increase investment for U.S. oil production?
- Has rising fuel prices impacted your choices?
- Who controls retail gas prices?
- Seasonal demand for fuel tends to increase as the weather warms. Using a supply and demand graph, show how this affects the price of fuel.

Teaching Inflation in the Classroom

Inflation



Discussion Questions:

- What is inflation and how does it affect you?
- Does inflation impact your choices?
- Are there similarities between inflation and a regressive tax?
- How does inflation affect the economy and the people in it?



Inflation 101

This site is meant to give you a general understanding of basic inflation concepts. The Get Started (🏠) section explains basic inflation concepts in a nontechnical way and will give you a good understanding of what inflation is, why it's important to pay attention to it, and how the Federal Reserve is involved. In the Get Technical (⚙️) section you will find more detailed explanations on the same topics and answers to related questions that will give you a deeper understanding of inflation, its effects on people and the economy, and the Fed's role in keeping it under control.



Robert Rich, director of the Center for Inflation Research and senior economic and policy adviser, discussed common inflation misconceptions on Marketplace. [Read or listen to the interview](#) ➔



At a time of heightened interest in inflation among people, businesses, and communities, the Center for Inflation Research is committed to providing timely answers to timely questions. Why has inflation surged over the past year? Our researchers respond to this question.



Download this PowerPoint and take the Cleveland Fed's Inflation 101 Quiz.



What Is Inflation?



Why Should You Care about Inflation?



Why Does the Fed Care about Inflation?

[Inflation 101: Center for Inflation Research \(clevelandfed.org\)](https://www.clevelandfed.org/inflation-101)

Peanut Butter and Inflation



- When it comes to PB, what's your jam: Creamy or chunky? Skippy or Jif? With [#inflation](#) looking somewhat sticky, Senior Econ Writer [@JeffHorwich](#) pulls a jar of peanut butter out of "The Basket" and gets the lowdown on PB in the [#CPI](#) (with help from [@RTPIV](#) of [@PeanutFarmers](#))
- <https://twitter.com/MinneapolisFed/status/1526600584236761091>

Building **Wealth**

In the Classroom

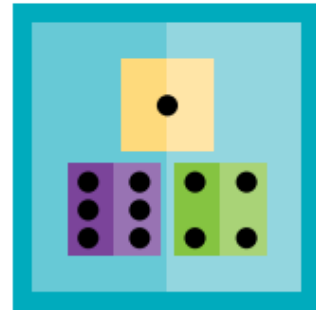
Lesson 7

Save and Invest—Risk and Return



Federal Reserve
Bank of Dallas

[For Teachers - Building Wealth - Dallas Fed](#)



Types of risk



Capital-loss risk

The loss of part or all of an investment.

When a saver buys an asset hoping for a capital gain, the market price of the asset can fall, resulting in a capital loss.



Default risk

The borrower fails to make full and timely payments.

When a saver loans money or buys a bond, the borrower might not repay the original amount or the promised interest.

Types of risk



Inflation risk

The rate of return is less than the rate of inflation.

When a saver earns a rate of return that is less than the rate of inflation, purchasing power is lost.



Liquidity risk

An investment cannot be sold easily.

When a saver buys an asset for an investment, it must eventually be sold to realize the capital gain. Market conditions affect the saver's ability to sell the asset.

What type of risk?

Darius 18, College Freshman

Darius spent every summer during high school mowing yards. He saved the money to pay for his living expenses during college. He decided to keep his money in a certificate of deposit at his bank. The deposits earned 1% interest. He anticipated that he would have enough money for two years of living expenses.

When he got to his college town, he realized that food, rent and many other costs were much higher than he had originally estimated. Prices rose faster than the value of his savings.

What type of risk does Darius face?

Capital-loss risk

Default risk

Inflation risk

Liquidity risk

Darius faces the risk of inflation.



Inflation risk

Since prices have risen and Darius has lost purchasing power, he faces the risk of inflation.



If Darius earned 1% interest (nominal interest rate) on his certificate of deposit and inflation was 2%, what was the real rate of interest Darius earned while keeping his money in a CD?

Use the formula below to solve for real interest rate:

$$\text{Nominal interest rate} - \text{Inflation} = \text{Real interest rate}$$

Answer

$$1\% - 2\% = -1\%$$

Nominal interest rate - **Inflation** = **Real interest rate**

Additional Federal Reserve System and Dallas Fed Resources

Lecture Guide: How the Federal Reserve Implements Monetary Policy

Lesson Authors

Jane Ihrig, Ph.D., Board of Governors of the Federal Reserve System

Scott Wolla, Ph.D., Federal Reserve Bank of St. Louis




Standards and Benchmarks (see page 24)

Lesson Description

The Federal Reserve (Fed) is the central bank of the United States. Its congressionally mandated objectives are to promote maximum employment and price stability. This lesson focuses on how the Federal Open Market Committee (FOMC) conducts monetary policy to achieve this dual mandate. The discussion begins by tracing out the transmission of monetary policy from the FOMC's setting of its policy interest rate target to market interest rates and, ultimately, employment and inflation outcomes. Students then learn about the tools the Fed uses to ensure that market interest rates are aligned with the FOMC's target interest rate. The economic concepts of reservation rate and arbitrage are taught. Finally, examples of how the FOMC responds to various economic shocks are presented to reinforce the key concepts covered in this lesson.


[Lecture Guide: How the Federal Reserve Implements Monetary Policy \(stlouisfed.org\)](https://www.stlouisfed.org/education/lecture-guide-how-the-federal-reserve-implements-monetary-policy)

FederalReserveEducation.org

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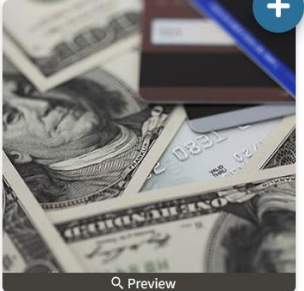
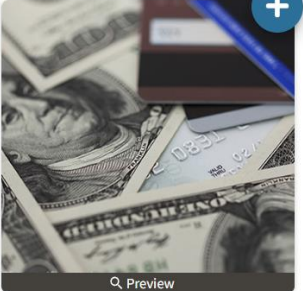
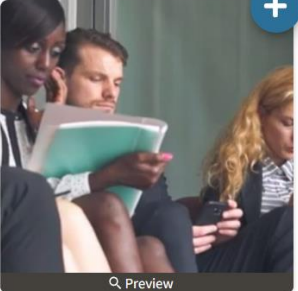
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Texas Economic Indicators

May 24, 2022

The Texas economy expanded further in April. Payroll employment growth increased, and initial unemployment claims remained at low levels. The Texas Business-Cycle Index rose but at a decelerating rate. The April *Texas Business Outlook Surveys* (TBOS) indicated that perceptions of general business activity are waning. Growth in oil and natural gas prices was strong in mid-May. Consumer loan delinquencies ticked up in the first quarter.

Labor Market

Employment Growth Increases

Texas employment expanded an annualized 5.7 percent (61,300 jobs) in April after growing an upwardly revised 2.7 percent in March (*Chart 1*). Job gains accelerated in most major sectors, with growth in oil and gas employment outpacing other sectors by a wide margin. Texas payroll employment reached a new high and was 2.1 percent above prepandemic levels. The Dallas Fed's Texas Employment Forecast predicts 3.7 percent job growth this year (December/December).

Chart 1
Employment Growth

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Dallas Fed Economics/How to subscribe

The screenshot shows the Dallas Fed Economics website. At the top, there is a navigation bar with links for Research, Banking, Community Development, Education and Outreach, and About Us. A search bar is located on the right side of the navigation bar. Below the navigation bar, the main content area features a large header for "Dallas Fed Economics" with a background image of several people. Below the header, there is a sub-header: "Economic analysis and insights from the Federal Reserve Bank of Dallas". A search bar is provided below the sub-header. To the right of the main content area, there is a green button that says "Subscribe to Dallas Fed Economics email alerts". Below the button, there are links for Home, Archive, and By Topic. Further down, there is a section titled "OUR PEOPLE" with links for Research Economists, Business Economists, Research Assistants, and Visiting Scholars. At the bottom right of the page, there is a "Back to Top" link. The main content area also includes a featured article titled "International" dated May 31, 2022, with a social media sharing icon and a thumbnail image of colorful dolls and coins.

Econ Ed Contacts



Tamara Redic-Cottrell
tamara.rediccottrell@dal.frb.org



Morgan Ackley
morgan.ackley@dal.frb.org



Allison Clark
allison.clark@dal.frb.org