

# Into the Classroom

## Summer Professional Development for Educators



### INDUSTRY, ECONOMY & YOU

Dallas Fed

Professional Development  
for Educators

San Antonio | June 21



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*The views expressed are my own and do not  
necessarily reflect official positions  
of the Federal Reserve System.*

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# Dallas Fed Classroom Resources

# Dallas Fed Publications

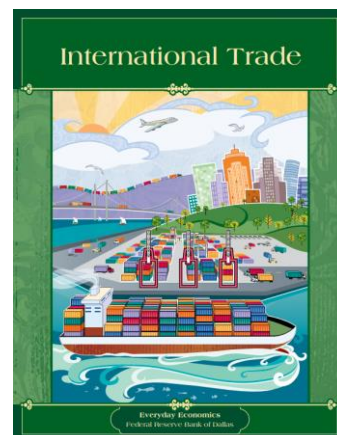
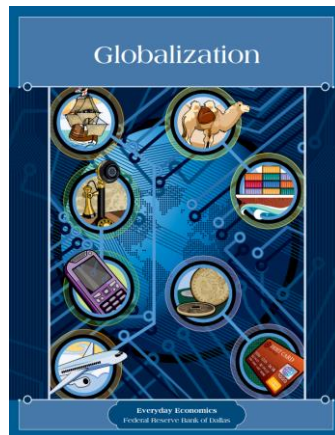
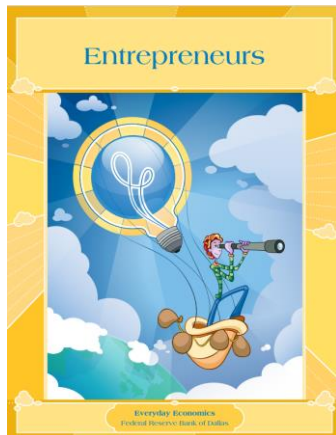
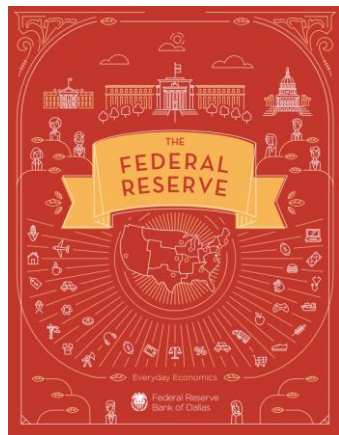
## Everyday Economics

- The Federal Reserve
- Globalization
- Entrepreneurship
- International trade
- Money

## College/Career and Financial Literacy

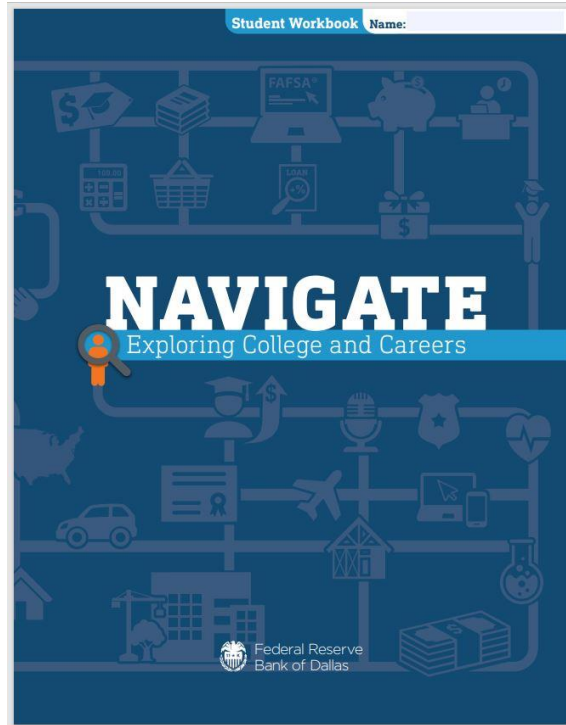
- Navigate: Exploring College and Careers
  - Student handbook
  - Teacher handbook
- Building Wealth

# 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

# Building Wealth

## *A Beginner's Guide to Securing Your Financial Future*

*Building Wealth* is a personal finance education resource that presents an overview of wealth-building strategies for **consumers**, **community leaders**, **teachers** and **students**.



### **For Consumers**

I want to learn how to build wealth for myself and my family.

[READ MORE >>](#)



### **For Community Leaders**

I lead a group of adults interested in improving our personal finance skills.

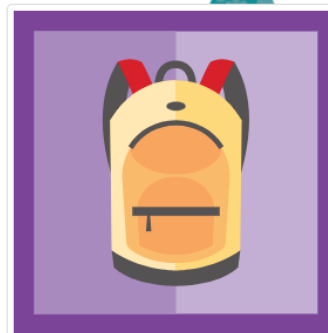
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### **For Teachers**

I teach financial education to high school or college students.

[READ MORE >>](#)



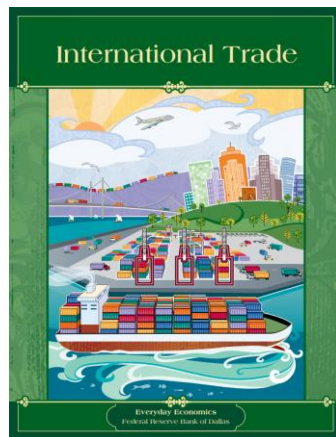
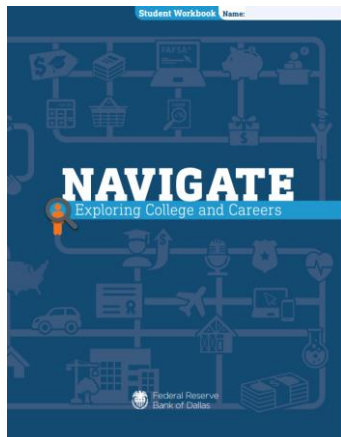
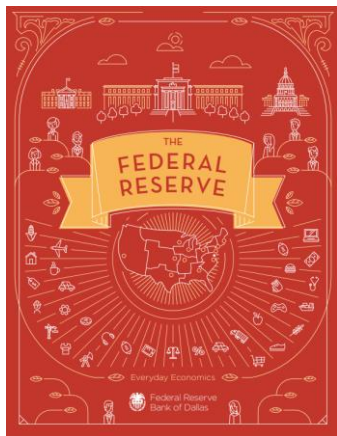
### **For Students**

I am a student and want to learn how to create personal wealth and meet my financial goals.

[READ MORE >>](#)



# Dallas Fed Publications—Order Free Copies



# *Economy in Action* Virtual Museum Field Trip

## 360 Virtual Tour

- Explore inside the Dallas Fed on-demand
- Interactives & videos

## *Explore the Dallas Fed app*

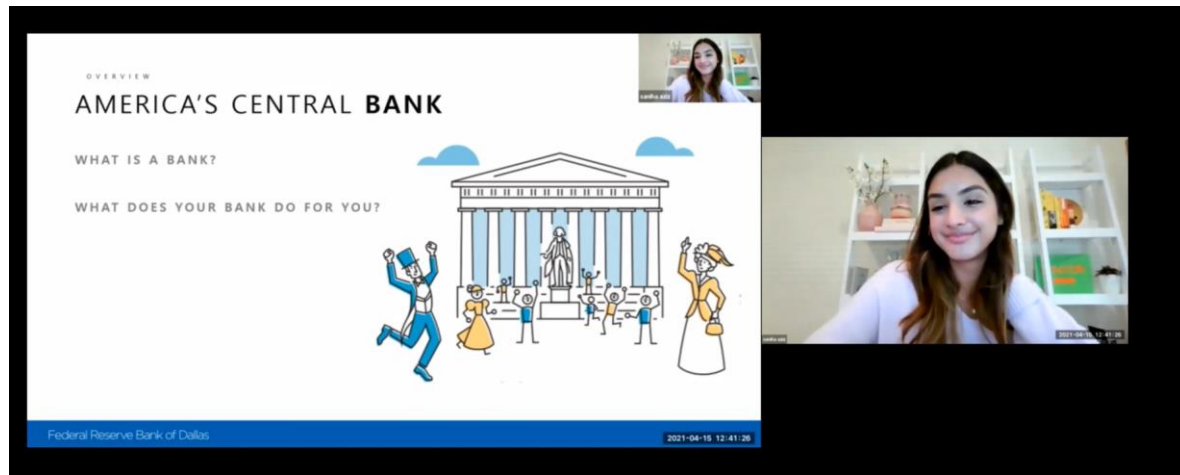
- Use with the exhibit, 360-tour, or by itself
- Expanded content
- Accessible language
- Virtual scavenger hunt & group activities



[dallasfed.org/visit](https://dallasfed.org/visit)

# Fed 101 Ambassador Virtual Presentations

- 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 - Housing Bubbles**

# Dallas Fed Economics

Research / Dallas Fed Economics

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National

## Real-Time Market Monitoring Finds Signs of Brewing U.S. Housing Bubble

Jarod Coulter, Valerie Grossman, Enrique Martínez-García, Peter C.B. Phillips and Shuping Shi

March 29, 2022

Dallas Fed  
**Economics**

Economic analysis and insights from the Federal Reserve Bank of Dallas

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<https://www.dallasfed.org/research/economics/2022/0329>  
<https://www.dallasfed.org/research/economics.aspx>

# Building **Wealth**

In the Classroom

## Lesson 4

### **Save and Invest**—Owning Versus Renting



Federal Reserve  
Bank of Dallas



# Instructional objectives

You will:

- Identify the responsibilities and risks of being a homeowner and renter.
- Compare the costs and benefits of buying a home and renting.
- Analyze the impact of buying and renting on an individual's net worth.

# Renting



**Up-front costs**



**Renters insurance**



**Lease agreement**



**Responsibilities**



# Owning



**Property  
value**



**Mortgage  
loan**



**Homeowners  
insurance**



**Equity**



**Responsibilities  
of homeownership**



**Risks of  
homeownership**



## Lesson 4—Assessment 1

### Lease or Buy Video

**Instructions:** Create a one-to-two-minute video to explain whether you would prefer to lease or buy a property at the age of 25. Explain the benefits and costs you will need to consider if you lease or buy, and include what short-term and long-term goals will help you achieve this goal. Use the template below to create a script for your video.

#### Video Template

1. Introduce yourself.

2. Explain why you would choose to lease or buy. Provide personal examples that justify your choice.

3. What did you consider when making this choice? Why does it matter to you?

4. Explain the benefits and costs of your choice.

5. Include which risk concerns you the most and why.



## Lesson 4—Assessment 1

### Lease or Buy Video (Cont.)

6. Create short-term and long-term goals and explain how they will help you achieve your goal to lease or buy at the age of 25.

**Specific**   **Measurable**   **Attainable**   **Relevant**   **Timely**

#### Short-term SMART goals

**S**  
**M**  
**A**  
**R**  
**T**

#### Long-term SMART goals

**S**  
**M**  
**A**  
**R**  
**T**



## Lesson 4—Extension Activity

### Examples of Housing Discrimination (Cont.)

#### Reasonable Accommodations Are Required for Persons with Disabilities

John, a person with a disability who uses a wheelchair, views a condominium he is hoping to purchase in a new multistory building. When John arrives, he finds there are no accessible parking spaces in the building's parking lot. When John tries to enter the unit, his wheelchair can barely fit through the door and he bangs his arms on the way in. Inside the unit, the thermostat and light switches are all too high for him to reach. The building has a fitness room, but he cannot look at it because the only way to get to the fitness room is to go up steps. John files a complaint with HUD because failing to comply with accessibility requirements is a form of disability discrimination.

#### Rules Against Children Are Discriminatory

John has three teenage children. John's building has a patio with picnic tables, and one day John's children decide to have lunch there with some of their friends. The next day, John receives a notice from the homeowners association informing him that the building rules say that the patio is for adult use only and that he needs to make sure his children do not violate the building rules. John files a complaint with HUD because building rules that discriminate against children are a form of familial status discrimination.

#### Mortgage Lending Discrimination Is Illegal

Jane and John are filling out an application for a mortgage at their local bank. Their loan officer notices that Jane is visibly pregnant and asks whether she will be taking maternity leave. When Jane says yes, the loan officer informs the couple that they either have to apply without Jane's income or wait until she returns from leave. "I'm sorry," the loan officer says, "but I've seen too many women change their mind about going back to work." Jane and John file a complaint with HUD because the bank's policy discriminates based on sex and familial status.

#### Discrimination in the Conditions of Housing Is Illegal

John recently moved to the United States from Mexico. One day, John sees that there is a new tenant in the apartment next to his, so he welcomes her to the building. John's neighbor comments on how nice everyone in the building seems, especially the building manager who offered to waive her security deposit because she seems like a good person. John is surprised because the building manager was short-tempered with him and said that John's accent made him hard to understand. John later asks around and finds out that the building manager has waived fees and deposits for other tenants he likes but not for him or other persons from Mexico. John files a complaint with HUD because providing different terms and conditions to tenants because of national origin is illegal discrimination.



## Lesson 4—Extension Activity

### Examples of Housing Discrimination (Cont.)

#### 3-2-1 Response Prompt

1. Describe **three** things you have learned from these discrimination examples.

2. List **two** questions you still have about housing discrimination.

3. Name **one** element of the reading that surprised you.

# 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?

# 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>



## 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)

# Page One Economics: A Dollar's Worth: Inflation is Real



Focus on **FINANCE**

## PAGE ONE Economics®

**A Dollar's Worth: Inflation Is Real**

[Jeannette N. Bennett](#), Senior Economic Education Specialist

<https://www.stlouisfed.org/education/page-one-economics-classroom-edition>

### 2022

- May - [How Does the Fed Use Its Monetary Policy Tools to Influence the Economy?](#)
- April - [The Endowment Effect](#)  
*Focus on Finance* edition | includes middle school lesson
- March - [Examining Racial Wealth Inequality](#)
- February - [On the Move: Mortgage Basics](#)  
*Focus on Finance* edition | includes middle school lesson
- January - [The Importance of Diverse Perspectives: Strategies for Supporting Women in Economics](#)  
*Women in Economics* special edition
- January - [Gender and Labor Markets](#)

### 2021

- December - [A Dollar's Worth: Inflation Is Real](#)  
*Focus on Finance* edition | includes middle school lesson
- November - [Data Units in FRED](#)  
*Data Primer* special edition



Dallas Fed



## **Recent Inflation Surges Have Modestly Affected Long-Term Expectations**

J. Scott Davis

April 05, 2022

U.S. Consumer Price Index (CPI) inflation is at an almost 40-year high. Improvements in Federal Reserve credibility over the last 40 years have ensured that inflation expectations, particularly long-term inflation expectations, have so far remained well-anchored despite surging current inflation.

Chart 1 plots year-over-year headline CPI inflation, as well as the one-year inflation expectation and the 5-year, 5-year-forward expectations drawn from data published by the Federal Reserve Bank of Cleveland.

[Recent Inflation Surges Have Modestly Affected Long-Term Expectations - Dallasfed.org](https://dallasfed.org/economics/recent-inflation-surges-have-modestly-affected-long-term-expectations)

# Inflation and the Fall of the Roman Empire Lesson

## Inflation and the Fall of the Roman Empire



Students learn the concepts of money and inflation in the context of world history. They first participate in a role play to learn how debasement increased the Roman money supply and caused inflation in the Roman Empire. They receive a soldier's wages in coins (candy) and participate in an auction, and then receive higher wages in debased coins (candy) and participate in a second auction. They compare the outcomes of the auctions and learn that inflation occurs when "too much money is chasing too few goods" and that this outcome characterized the economy during the last centuries of the Roman Empire. Finally, students analyze historical data and read historical quotes that show how people in the Roman Empire responded to inflation.

- [Lesson \(pdf\)](#)

# **Preparing Students for Post-secondary College and Career Options**

# Economy's Essential Early Care and Education Industry Recovering but Still Faces Labor Shortfall



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Community Development

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Economic Development and Human Capital

## Economy's Essential Early Care and Education Industry Recovering but Still Faces Labor Shortfall

Anna Crockett and Xiaohan Zhang

May 16, 2022

## Dallas Fed Communities

Promoting the economic resilience and mobility of underserved communities.

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Community Development

# Navigate

**Explore: Your Career**

Describe where you work:

My career choice:

Explain what you do:

**How much education will you need?**

- ☐ High school diploma or GED
- ☐ Postsecondary non-degree award (certification)
- ☐ Associate degree
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ Doctoral or professional degree

**How much will you earn?**

Yearly: \$

Weekly: \$

## Unit 1 Exploring Careers



Education pays! Adults with more education can expect to earn higher wages.



Of the hundreds of careers that you could pursue, many will require education or certification beyond high school graduation.

### Career Path **Registered Nurse/Nurse Anesthetist**

I have always wanted to pursue a career in medicine. I earned a bachelor's degree in nursing and was hired as soon as I graduated. I enjoy the flexibility of my career. I work long hours, but I also have three-day weekends. I enjoy the time off and like to spend it with my friends and family. Two years ago, I decided to go back to school to get my master's degree and become a certified registered nurse anesthetist (CRNA). It was the best decision of my career.



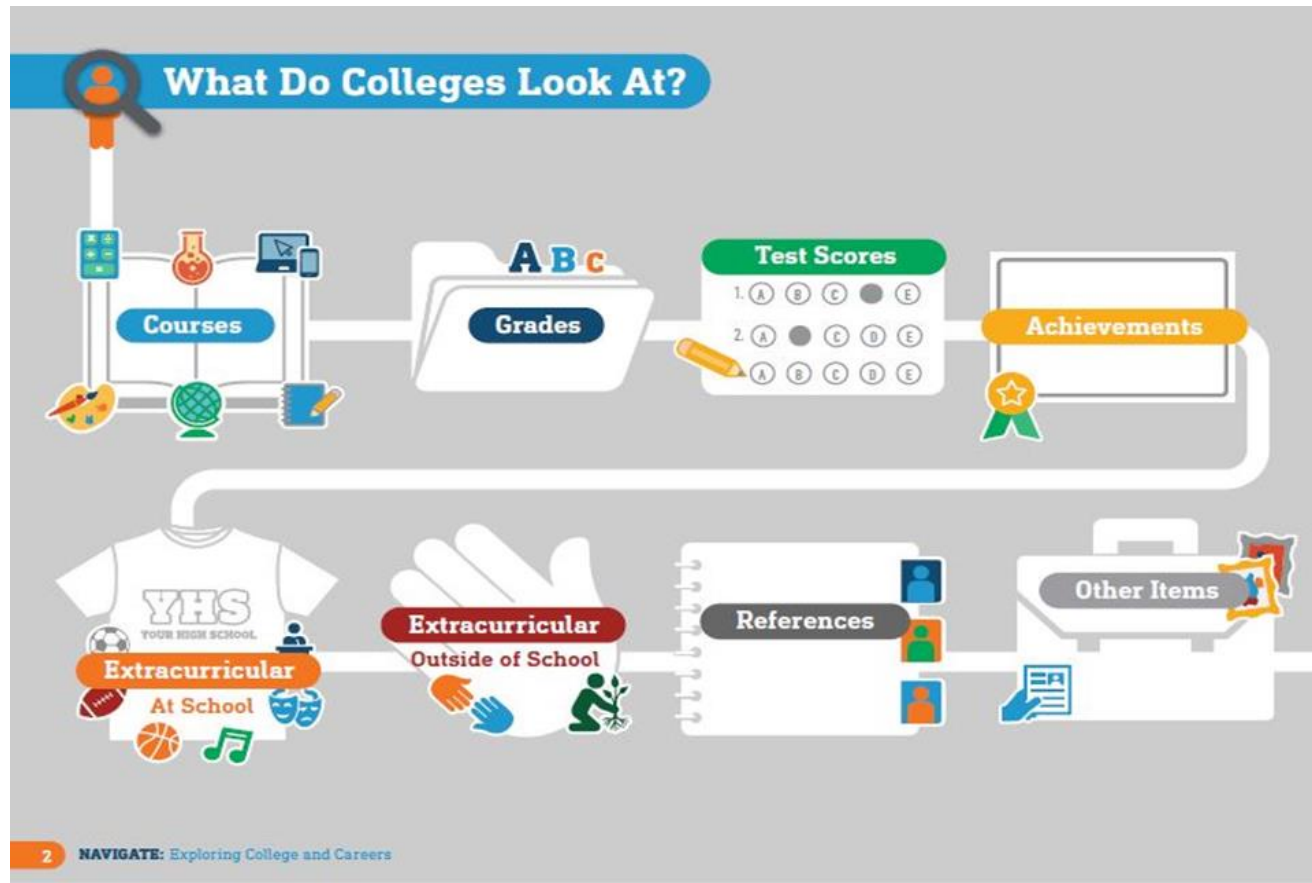
**Median Wage: \$96,460**  
**Expected Job Growth 2012–2020: 31%**

### Think About This

In 2013, workers with a bachelor's degree made \$457 more every week than high school graduates. **That's more than a million dollars in a typical working life!**

Calculated from [www.bls.gov/emp/ep\\_chart\\_001.html](http://www.bls.gov/emp/ep_chart_001.html)





## Unit 2 What About College



There are more than 4,500 colleges in the United States. Every college is unique and meets the needs of its students.



From cost to class size, from student body to extracurricular activities, there are advantages and disadvantages to every college.



### Career Path



#### Heating, Ventilation and Air Conditioning (HVAC)

As a senior in high school, I didn't know exactly what an HVAC tech was, but after talking with my career counselor, this sounded like a great fit for me. I like working with my hands, solving problems and fixing machinery. The community college offers a 16-month program that prepared me for my state exam and certification. Every day my job is different—new locations, new problems. I enjoy the challenge and one day hope to open my own business.



**Median Wage: \$43,640**  
**Expected Job Growth 2012–2020: 21%**

### Think About This



In 2011, there were 4,599 schools in the U.S. where students could earn a degree.





# Dallas Fed Communities



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Promoting the economic resilience and mobility of underserved communities.

May 16, 2022



Economic Development and Human Capital

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SPOTLIGHT





# **Additional Federal Reserve System and Dallas Fed Resources**

# FederalReserveEducation.org



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# econlowdown

econlowdown

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**Econ Lowdown** is a FREE platform with online resources for K-12 and college classrooms.



## Econ Lowdown is Available in Canvas!

Want to learn more? Read about the [benefits](#) or watch a [video tutorial](#) of Econ Lowdown in Canvas. Your Canvas admin can use our [form](#) to deploy Econ Lowdown for your district or organization.



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[www.econlowdown.org](http://www.econlowdown.org)

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Preview

📖 ⌚ 30 minutes

High School - College

**A Dollar's Worth: Inflation Is Real**

Economics Personal Finance

Buying Goods and Services Inflation Money

Planning and Money Management

Focus on **FINANCE**

Preview

📖 ⌚ 30 minutes

Middle School - High School

**A Dollar's Worth: Inflation Is Real (Middle School)**

Economics Personal Finance

Buying Goods and Services Inflation Money

Planning and Money Management

Preview

📖 ⌚ 30 minutes

High School - College

**Advertising: Dollars and Decisions**

Current Events Economics Personal Finance

Decision Making Demand Incentives

Preview

📖 ⌚ 30 minutes

Middle School - High School

**Advertising: Dollars and Decisions (Middle School)**

Current Events Economics Personal Finance

Decision Making Demand Incentives

Preview

📺 ⌚ 30 minutes

High School - College

**Aggregate Demand and Aggregate Supply: Negative Demand Shocks**

AP Economics Economics


Business Cycle Decision Making Economic Fluctuations

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- Southwest Economy

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

ECONOMIC INDICATORS

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