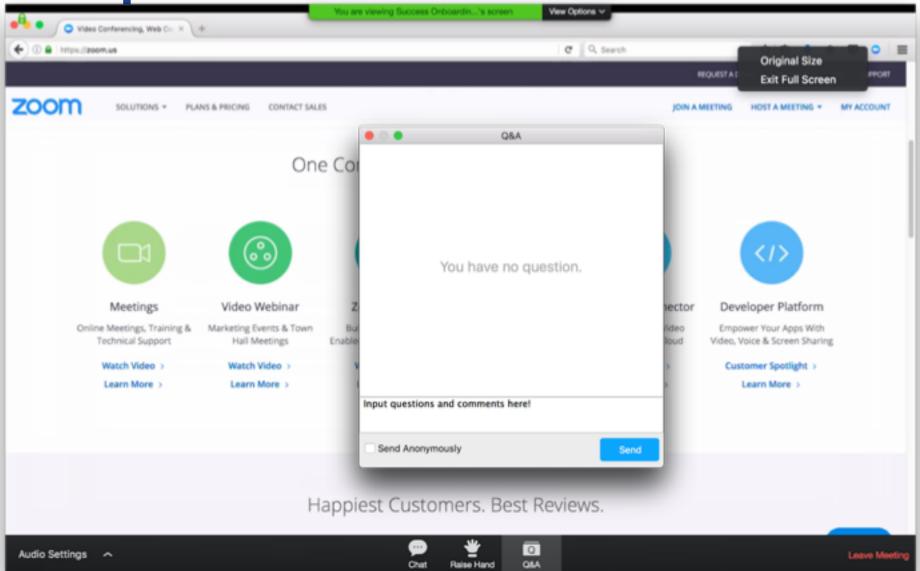


# **Endorsements and Middle School Career Exploration**

**November 2019 Webinar** 

**Participation & Interaction** 







Texas' definitive source for college and career planning.

# College, Career, and Military Readiness Tools For Your School

www.texasoncourse.org

# More than



13,300 EDUCATORS



3,000 SCHOOLS



900 DISTRICTS

# use Texas OnCourse

# AGENDA

- Introductions
- Texas OnCourse Resource Spotlight
  - Jamie Bell
- Texas Workforce Commission Resources
  - Jaslyn Greene
- Houston ISD Middle School College and Career Curriculum
  - Mia Bradford, Leader Fellow
  - Q & A and Wrap up



# Lara Gueguen

Assistant Director of Program Implementation Texas OnCourse



# Jaslyn Greene

**Associate Director of Content and Resources Texas OnCourse** 

# Jamie Bell

Curriculum and Instruction Manager
Texas OnCourse

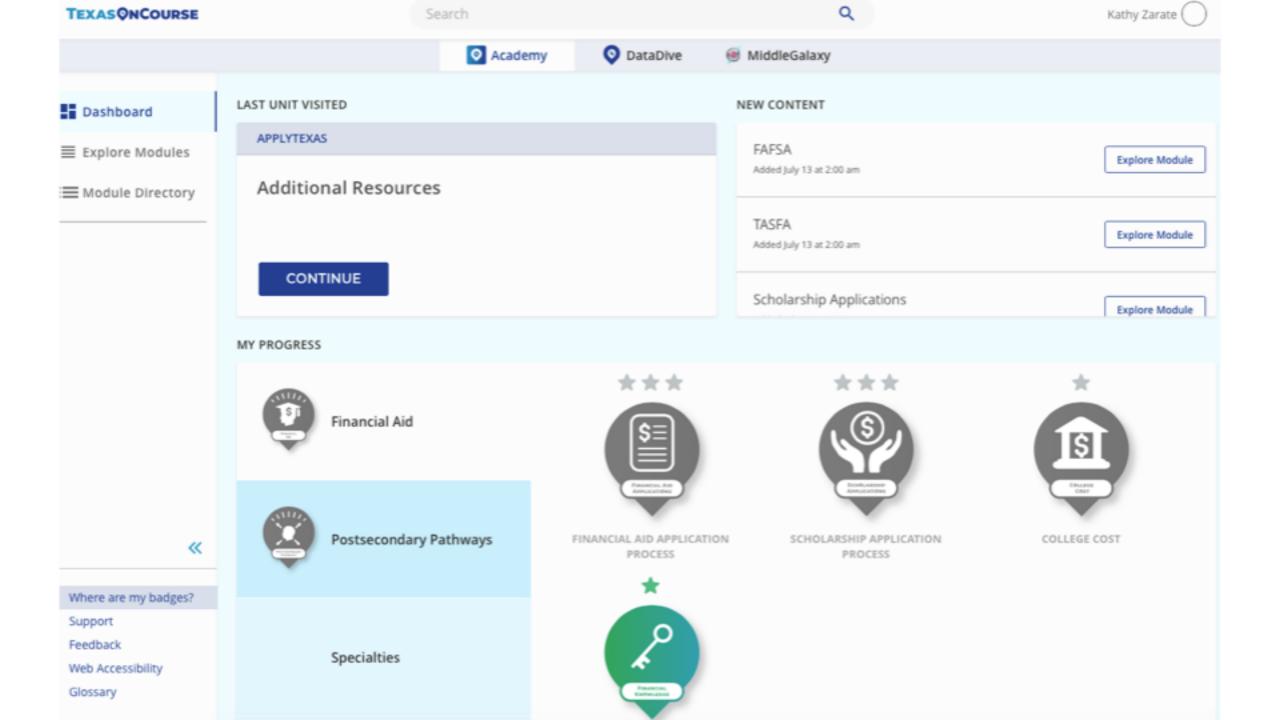




# Mia Bradford

OnCourse Leader Fellow
Houston ISD Director, Innovation and Postsecondary Programming
Founder, Project Explore



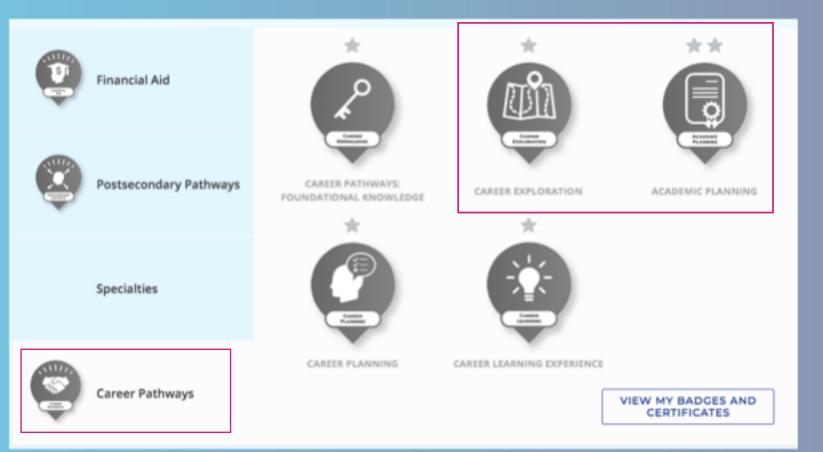


# **Academy Modules**



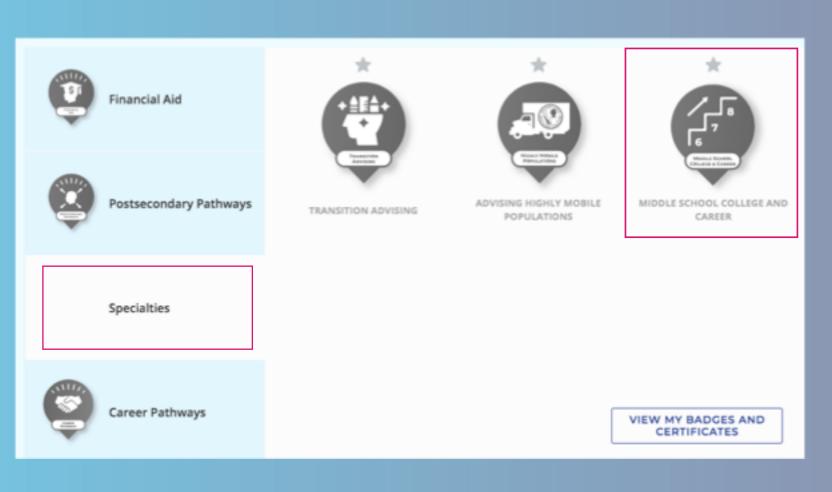
Basic Principles
 of Postsecondary
 Pathways

# **Academy Modules**

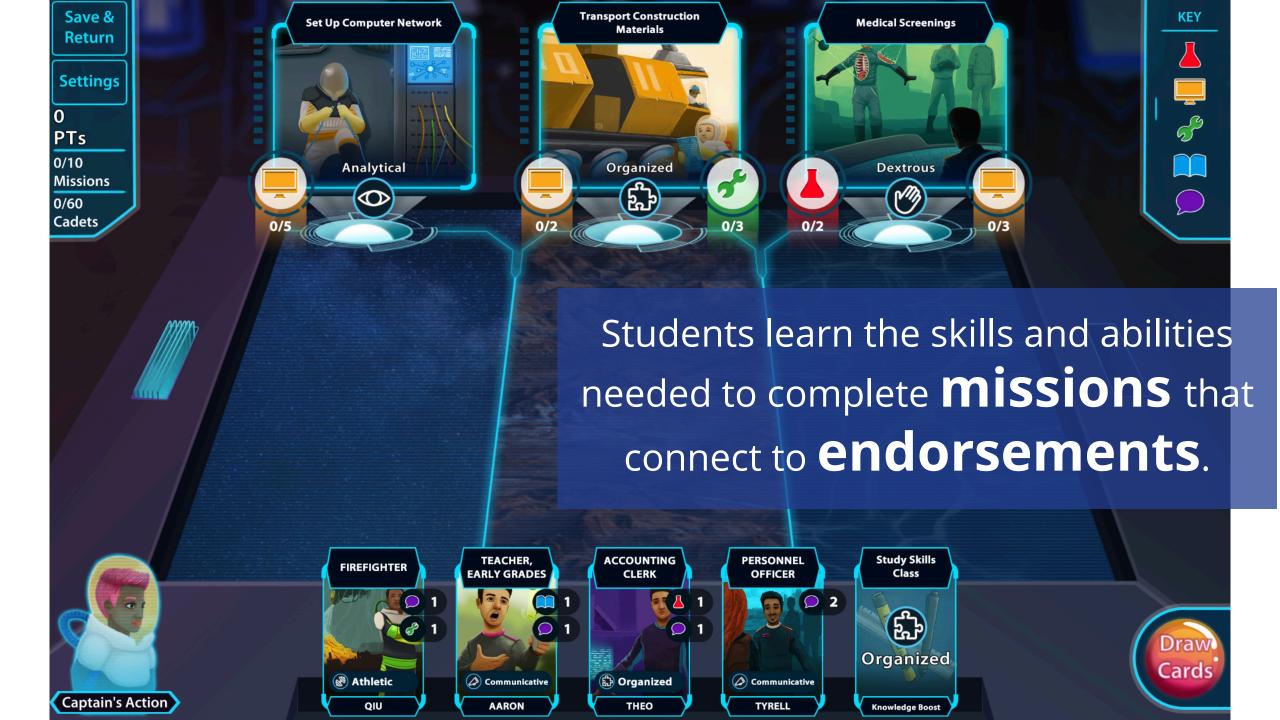


- 2. Career Assessments
- 3. Career Clusters, Pathways, and Endorsements
- 4. High School
  Graduation Plan

# **Academy Modules**



5. Starting Early:
College and
Career Readiness
in Middle School







In this view, you can see cadet details and related information.

# Electrician



Outer space may be dark, but I keep the lights on. -Original

Zoya

# **ABILITIES**



**Dextrous** 



**Technology & Engineering** 



Trade & Craftsmanship

**IDEAL MISSION TASKS** 

# **ABOUT CAREER**

Electricians install, test, and repair electrical systems. They put in wires, connect them to circuit breakers, and test circuitry for safety, following local and national building codes.

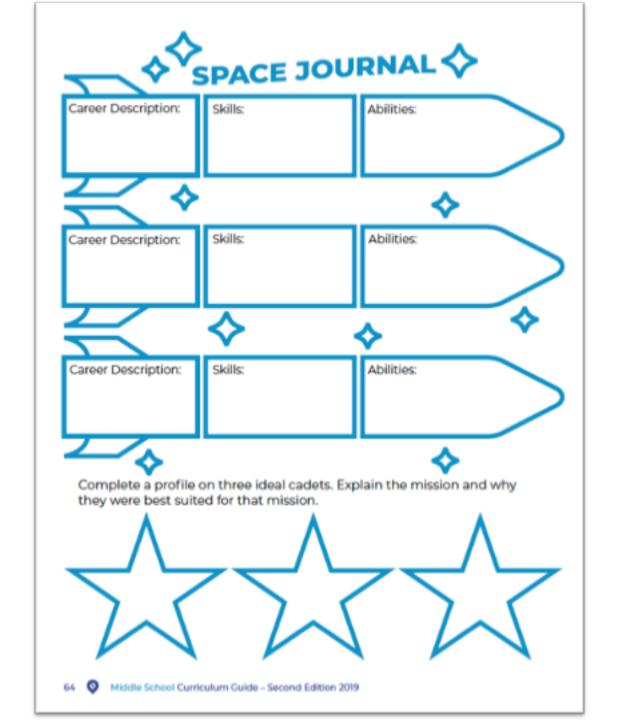
May be a good match if... You love the feeling of completion you get after fixing something. Problem solved!

Students gain valuable career knowledge by matching career profiles to the appropriate mission.









# MapMyGrad

# Find Out What It Takes to Graduate in Texas

Entiqueful Sign in Create an A



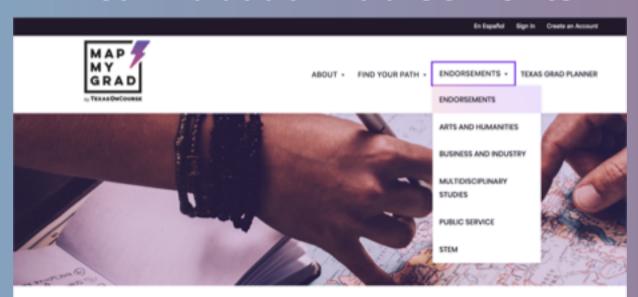
ABOUT + FIND YOUR PATH + ENDORSEMENTS - TEXAS GRAD PLANNER

### Let's talk credits.

Under the new graduation program, Texas high school students have the option to choose an endorsement and take these basic requirements:

#### 7 Electives 4 English 4 Math English I, II, III, and one English class of your Algebra, Geometry, and two math classes of These could be lots of things, depending on choice your choice what endorsement you choose! 3 Social Studies 4 Science 2 Languages Any language other than English (LOTE) or US History, US Government, and Economics, Biology plus three courses of your choice plus either World History or World Geography computer programming 1 Physical Education 1 Fine Arts

# **Learn about Endorsements**



# **Endorsements**

An endorsement is a set of classes that allows a student to dig into an area of interest to them. It's similar to a college major, allowing the student to learn more about a particular subject area. If a student's interests change, they can always talk to their counsalor or adviser and change their andorsement.

# **Find Out What It Takes** to Graduate in Texas

En Español Sign In Create an Account





ABOUT \* FIND YOUR PATH \* ENDORSEMENTS \* TEXAS GRAD PLANNER

# Let's talk credits.

Under the new graduation program, Texas high school students have the option to choose an endorsement and take these basic requirements:

# 4 English

English I, II, III, and one English class of your choice

#### 3 Social Studies

US History, US Government, and Economics. plus either World History or World Geography

#### 1 Physical Education

#### 4 Math

Algebra, Geometry, and two math classes of your choice

# 2 Languages

Any language other than English (LOTE) or computer programming

#### 1 Fine Arts

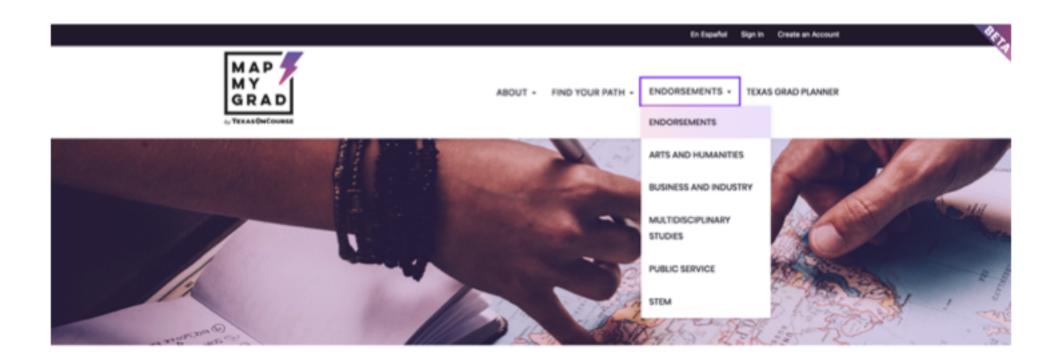
# 7 Electives

These could be lots of things, depending on what endorsement you choose!

# 4 Science

Biology plus three courses of your choice

# **Learn about Endorsements**



# **Endorsements**

An endorsement is a set of classes that allows a student to dig into an area of interest to them. It's similar to a college major, allowing the student to learn more about a particular subject area. If a student's interests change, they can always talk to their counselor or adviser and change their

#### Lesson 1.6: Find Your Path

#### Lesson Overview

This lesson is designed to explore the endorsements and how they relate to students' career interests.

### Instructional Objectives

#### College and Career Readiness TEKS

\$127.2(c)(2) – The student investigates career pathways in one or more of the 16 career clusters. The student is expected to:

(A) research the academic requirements for one or more of the careers in an identified cluster.

\$127.3(c)(2) - The student analyzes college and career opportunities. The student is expected to:

- (A) determine academic requirements for transitioning to high
- (D) discuss the impact of effective college and career planning.

# Time Required

2 class periods

# Materials Required

For each student:

- Interests and Endorsements handout (following this lesson)
- Self-Portrait handout (following this lesson)

For the class:

- · Computer lab or one laptop per group of two or three students
- Internet access

#### Procedures

- 1. The students will take the MapMyGrad interest quiz (tinyurl.com/ MMGquiz). This quiz will suggest which endorsement they would be best suited to study in high school.
- 2. Have the groups follow the guided questions on the Interests and Endorsements handout.
- 3. Using the Self-Portrait handout, have the students create a character portrait of themselves as a high school student with notes and illustrations added about their endorsement, coursework, extracurriculars, etc.



# Handout: Self-Portrait What skills do I have now that I want to expand and Where do I want to go? learn more about? What things do I want for my future and what financial What courses, tests, planning do I need and paths are required to do? for my career?

# ENDORSEMENT BASICS by TEXAS ON COURSE

### What's an Endorsement?

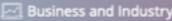
An endorsement is a set of classes that allows a student to dig into an area of interest to them. It's similar to a college major, allowing the student to learn more about a particular subject area.

Endorsements connect to different career paths and are meant to help students get familiar with the sorts of ideas, skills, and abilities related to those careers.

Students choose one or more endorsements out of five possibilities. During high school, they'll complete a certain number of courses to earn credit toward their endorsement. When they graduate, their endorsement(s) will be reflected on their transcript and diploma.

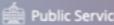
#### The endorsements are:

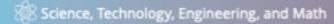






Multidisciplinary Studies 👜 Public Service





Endorsements give students an early taste of different career options so that they are more prepared after graduating high school for college and career!

#### **Endorsements in Detail**



# Arts and Humanities

Do you get excited about learning a new language? Do you dig studying the past and considering how it might impact the future? Do you follow what's going on in the world around you? Do you dream about being on stage or behind the scenes of the school play? Then the Arts and Humanities endorsement might be for you!

Career options include political scientist, art director, economist, lawyer, choreographer, and translator.



# **Business and Industry**

Do you get excited by the idea of starting your own business or playing the stock market? Want to work on construction sites or build websites and IT networks? Does the thought of being a CEO or manager sound cool? Then the Business and Industry endorsement might be for you!

Career options include medical administrative assistant, event planner, construction manager, airline pilot, and financial manager.



# Multidisciplinary Studies

If you have too many interests to pick just one endorsement, or you're still deciding what your future might look like, then the Multidisciplinary Studies endorsement might be for you! It will help you graduate as a well-rounded student, ready to go in whatever direction you want.

Career options related to this endorsement include psychologist, security screener, and even CEO!

# MIDDLE SCHOOL **CAREER FAIR TOOLKIT** 2019

Designed by our leader fellows. This toolkit is a great guide for developing career exploration at the campus level.

#### Contents

Why a Career Fair?
Toolkit Overview
Best Practices
Using Texas OnCourse Resources
Additional Lessons
Game Plan: Get Your Head in the Game using MapMyGrad
Thinking about Extraounicular Activities
Spot Your Sport
Career Planning: What I Want to Be beyond Graduation
Big Bucks and Big Walters

#### Additional Lessons

#### Game Plan: Get Your Head in the Game using MapMyGrad

Time required: 45-60 minutes

Essential question: What's available to me in my new high school?

Career focus: Team building, goal setting, career exploration.

#### Materials Needed

- Nonebook paper
- Access to MapMyGrad website and Grad Planner
- List of available extraourrisular activities at your school.
- "Thinking about Extraourricular Activities" (following this lesson);
- "Spot Your Sport" (following this lesson); one per three or four students.

Students discuss planning for high school and extracumicular

Students access the Texas OnCourse site and MapMyGrad.

Students complete the handouts "Thinking About Extraounicular Activities" and "Spot Your Sport."

They will use the lot of available extraountcular activities and group discussion to fill in other spaces.

Students will complete the MapNlyGrad grad planner to begin thinking about courses that align with their endorsement. Which ones are required, and which ones interest them the most?

Students will write or print out a copy of their high school personal graduation plan and/or list five dubs with sponsors for a ticket out the

#### Activity 1 (20-25 minutes)

Tell students that today you will be focusing on creating a draft high school personal graduation plan-using MapMyGrad. Students will create an account in the Texas Grad Planner to set up their draft plan. guided each step of the way by the educator, counselor, or adviser.



04 Middle School | Career Fair Toolkii





# Partnering for Success

**Texas Workforce Commission Resources** 

**TEXASONCOURSE** 

# **Texas Workforce Commission**



www.Jobsy'all.com

# Explore Top 8 In-Demand Industries in TX

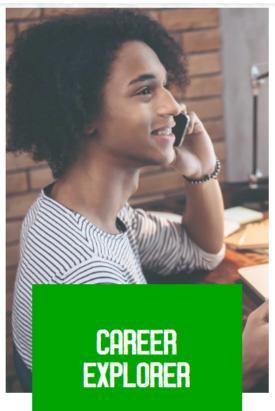
# DISCOVER TEXAS INDUSTRIES

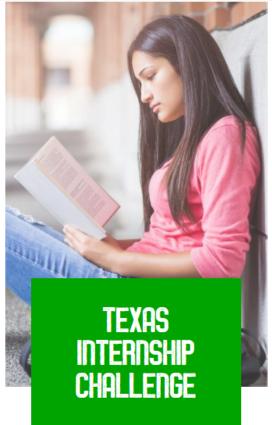
Eight industries - endless possibilities. Discover exciting careers in high-paying, fast-growing industries in Texas and learn from people working in the field. Select an industry to get started.

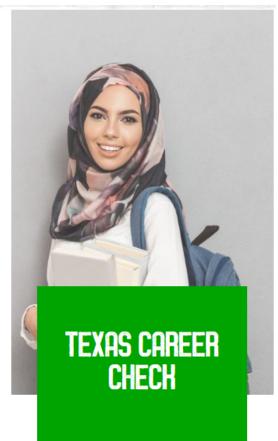


# Explore All Careers Too









USE #JOBSYALL TO SHARE YOUR CAREER STORY



2017
Best of Texas
Winner

**Best Online Resource** 

Texas Career Check

www.texascareercheck.com

# **Exploring Careers**www.texascareercheck.com



### Occupation Information

Texas Career Check enables you to search and explore occupations and provides a detailed informational report for the occupations of your interest. Browse through the comprehensive list of occupations and learn more about them



### Occupation Trends

As the world evolves, so do job trends and job descriptions. It's important to structure your career so that your job will be in demand in several years, not eliminated.



# Compare Occupations

Find out which occupation is best for you by comparing them side by side.



# Military Occupations

Find military jobs on Texas Career Check.



### Interest Profiler

A fun activity to do before exploring the world of work. Take a few minutes to answer 60 questions to identify occupations relevant to your likes and interests. Your results will lead you to a list of occupations for you to explore.



### Pop-a-Job

Most Texans can name the same 15-20 occupation titles, but there are literally hundreds more available to choose from. Play Pop-a-Job to solve randomly-selected occupation title puzzles. As you solve each new job title, you can click on them to learn more about the jobs that interest you.



#### Accountants

O\*NET 13-2011.01

Expand All

Collapse All

Print

Save as PDF

#### Description:

Analyze financial information and prepare financial reports to determine or maintain record of assets, liabilities, profit and loss, tax liability, or other financial activities within an organization.

Annual Wages: \$80,198.00

Employment Rate: Employment is expected to increase by 18.89%.

Education Level: Bachelor's Degree. According to O"Net, the majority of people employed in this occupation have this level of education.

Endorsement: Business and Industry, Science Technology Engineering and Math (STEM)



#### Job Tasks

- Prepare, examine, or analyze accounting records, financial statements, or other financial reports to assess accuracy, completeness, and conformance to reporting and procedural standards.
- 2. Compute taxes owed and prepare tax returns, ensuring compliance with payment, reporting, or other tax requirements.
- 3. Analyze business operations, trends, costs, revenues, financial commitments, and obligations to project future revenues and expenses or to provide advice.
- 4. Report to management regarding the finances of establishment.
- Establish tables of accounts and assign entries to proper accounts.
- 6. Develop, maintain, and analyze budgets, preparing periodic reports that compare budgeted costs to actual costs.
- Develop, implement, modify, and document recordkeeping and accounting systems, making use of current computer technology.
- 8. Prepare forms and manuals for accounting and bookkeeping personnel and direct their work activities.
- 9. Survey operations to ascertain accounting needs and to recommend, develop, or maintain solutions to business and financial problems.
- 10. Advise management about issues such as resource utilization, tax strategies, and the assumptions underlying budget forecasts.
- 11. Provide internal and external auditing services for businesses or individuals.
- 12. Advise clients in areas such as compensation, employee health care benefits, the design of accounting in data processing systems, or long-range tax or estate plans.

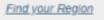


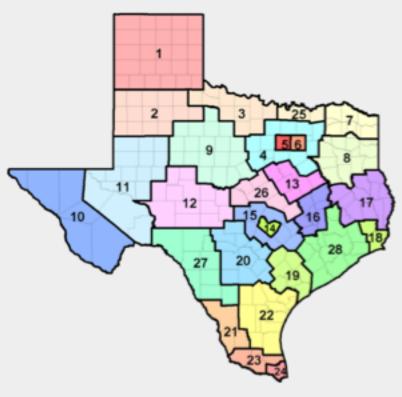
# Video



Keyboard Shortcut	Action
Space	Pause/Play video playback
Enter	Pause/Play video playback
М	Mute/Unmute video volume
Up and Down arrows	Increase and decrease volume by 10%
Right and Left arrows	Seek forward or backward by 5 seconds
0-9	Fast to x% of the video
F	Enter or exit fullscreen Note: To exit fullscreen in Flash press the Esc key.







Region	Employment	Projected Employment 2026	Projected Annual Openings 2026	Annual Growth Rate	Average Income
Texas (all regions)	126,448	150,338	14,437	1.75%	\$80,198.00
Region	Employment	Projected Employment 2026	Projected Annual Openings 2026	Annual Growth Rate	Average Income
1. Panhandle	1,452	1,579	145	0.84%	\$78,982.00
2. South Plains	1,223	1,415	134	1.47%	\$66,766.00
3. North Texas	631	721	68	1.34%	\$67,654.00
4. North Central	7.876	9.963	985	2.38%	\$80.028.00



# Certification



**Tools & Technology** 



Other Titles

# Related O\*NET occupational titles for Accountants include:

13-2011.02 Auditors

43-3031.00 Bookkeeping, Accounting, and Auditing Clerks

13-2031.00 Budget Analysts

11-3111.00 Compensation and Benefits Managers

13-1141.00 Compensation, Benefits, and Job Analysis Specialists

13-2041.00 Credit Analysts

13-2051.00 Financial Analysts

13-2053.00 Insurance Underwriters

13-2052.00 Personal Financial Advisors

13-2099.02 Risk Management Specialists

# **Compare Occupations**



# Occupation Information

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# Occupation Trends

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HOME

**EXPLORE CAREERS** +

EXPLORE EDUCATION →



A fun activity to do before exploring the world of work. Take a few minutes to answer 60 questions to identify occupations relevant to your likes and interests. Your results will lead you to a list of occupations for you to explore.

There are 4 pages of 15 questions each. You will have to answer all 15 questions in order to move to the next group of questions.

Already Completed The Interest Profiler?

Please enter your interest profiler scores

Interest Profiler: 0 of 60 questions answered.

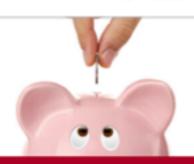
# Interest Profiler Questions Strongly Dislike 1. Build kitchen cabinets 1. Build kitchen cabinets 2. Lay brick or tile 3. Develop a new medicine 4. Study ways to reduce water pollution 5. Write books or plays





#### Will you be able to afford the lifestyle you want?

It's difficult to predict the future, but it's never too early to start planning for it. Texas Reality Check will show you how much your living expenses will cost, and the amount of money you will need to earn to pay for them.



#### It's time for a Reality Check.



#### Lifestyle Calculator

- Walk through expenses you'll incur each month
- Decide how much to spend on your lifestyle
- Determine your minimum salary needs
- Explore occupations that earn the salary you'll need



#### Occupation Calculator

Choose an occupation, then review your expenses to see if its salary can support your lifestyle.

Get Started

•

#### Quick View Calculator

Skip the guided tour & quickly tally up your expenses to compare costs with different occupations.

Get Started

•

Start Your Reality Check

#### APPLY NOW FOR 2019 INTERNSHIPS



SEARCH FOR AN INTERNSHIP

Enter Keyword

Zip Code or City

Statewide V

Go

#### MEET THE CHALLENGE!

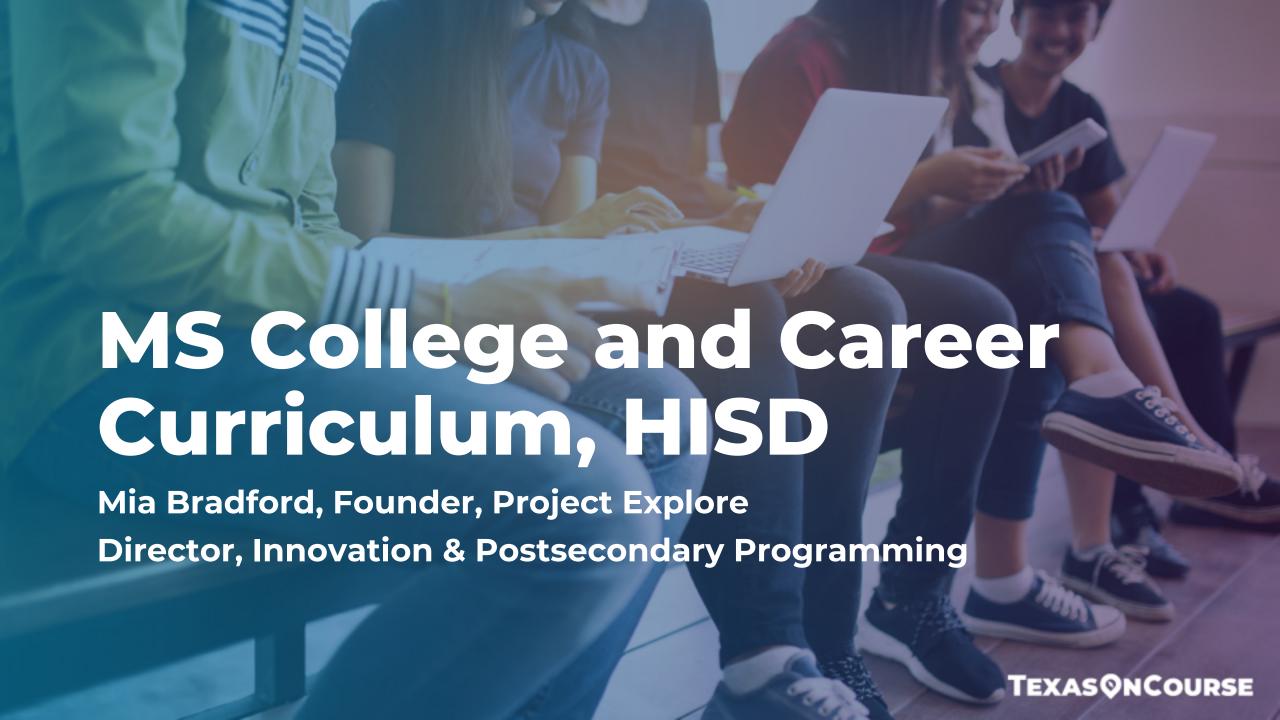
The Texas Internship Challenge is a partnership between the Texas Workforce Commission (TWC), Texas Education Agency (TEA) and The Higher Education Coordinating Board (THECB), who challenge employers to offer paid internships and make it easy for students to search and apply for them.

#### EMPLOYERS: LOOKING FOR AN INTERN?

The Texas Internship Challenge encourages employers to offer paid or for-credit applied learning opportunities. Internships help students gain the marketable skills employers are looking for and introduce students to in-demand occupations. Click here to register and post internships.

#### STUDENTS: LOOKING FOR AN INTERNSHIP

The Texas Internship Challenge encourages students to participate in the thousands of internships around the state to gain the marketable skills employers are looking for. Internships help you explore career opportunities, network with employers, and earn a salary or school credit. Start your search by entering your keyword in the search bar above. Click here to register and enter your résumé.



## Mission

To equip middle school students with the experiences and skills necessary to make informed decisions as they navigate their secondary and post-secondary education and career pathways.



#### Project EXPLORE Overview

Project Explore connects middle school students to high-impact college and career opportunities through:

School Day Explorations

Summer Experiences

After-School Expeditions

1:1 Advising

Weekend Excursions

College & Career Readiness Curriculum



#### The Project EXPLORE Approach

Project Explore advisors provide a personalized experience to the 75 students in their cohort and seek to impact the campus by creating a college and career ready culture:

College & Career Readiness Curriculum

In and out of state College Tours

1:1 Advising High Skill, High Growth Industry Visits

Cohort Meetings (Soft Skills) Parent Empowerment Meetings (1:1 & Group)



#### **COLLEGE TRIPS**

University of Houston



Prairie View A&M University













Texas A&M University

University of Texas @ Austin

Texas Southern University

#### **INDUSTRY TRIPS**

NCI Manufacturing Building



Energy Day S.T.E.M. Festival













NASA Longhorn Ranch

HCC Health & Sciences Department

Houston Hispanic Forum's Career & Education Day



### **Cohort Meetings**













## **Explore Houston Summer**













## Middle School Curriculum Planning

- 1) Principal decides on a designee
- 2) Designee attends training
- 3) Principal + Designee determine a course to push into and set up three dates with the teachers (s) to deliver curriculum.

## **Step 1: Champions in the Work**



#### 7<sup>th</sup> Grade Introduction to Endorsements & Career Pathways

#### Module 1

MPH-Who Am I?

#### **Module 2-TXOC 1.3**

Investigating Career Clusters & Programs of Study

#### **Module 3-TXOC 1.4**

Understanding the Five High School Endorsements

#### **Delivery Method**

- Project Explore Advisors or Counselors will facilitate classroom instruction, to ensure that the course is completed with fidelity.
- These modules are taught through Social Studies, Science or electives.

#### **Curriculum Highlights**

Naviance Surveys to Check for Understanding

## Measuring Success In Naviance



## Module 1

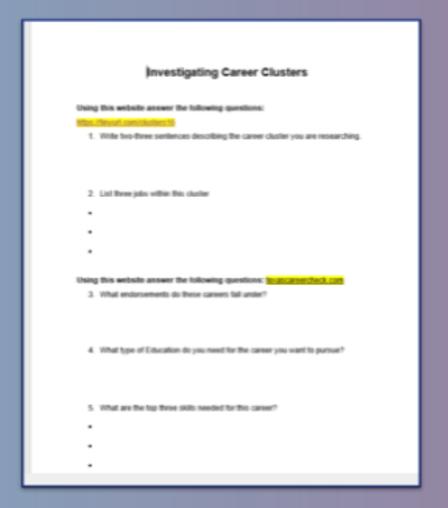
MPH: Who Am I?

- Middle School College and Career Readiness Pre-Survey
- Upskill Houston Survey
- Roadtrip Nation Video (first two minutes)
- Who Am I? Video
- Career Cluster Finder Assessment Naviance

### Module 2

#### Investigating career clusters and prgrams of study

- Complete the Investigating
   Career Clusters Worksheet
- Use these links to help you complete the worksheet https://tinyurl.com/clusters16 https://texascareercheck.com



## Module 3

#### **Understanding the 5 HS Endorsements**

- Accessing Career Clusters Finder Results from Naviance
- Career Clusters to Endorsements Activity/Worksheet
- Map My Grad Survey
- Exploring the 5 High School Endorsements Group Activity
- Five High School Endorsements Video
- Endorsement Review
- Exploring Endorsements Survey Naviance
- Middle School Post Survey



## Career Clusters to Endorsements Activity

Students circle results on the Career Clusters to Endorsements worksheet.

The career clusters will translate to the endorsements they apply.

#### **Endorsements and Clusters**

Endorsement	Clusters in the Endorsement
STEM	Science, Technology. Engineering, and Mathematics
BUSINESS AND INDUSTRY	<ul> <li>Agriculture, Food, and Natural Resources</li> <li>Business Management and Administration</li> <li>Information Technology</li> <li>Architecture and Construction</li> <li>Finance</li> <li>Manufacturing</li> <li>Arts, A/V Technology, and Communications</li> <li>Hospitality and Tourism</li> <li>Marketing</li> <li>Transportation, Distribution, and Logistics</li> </ul>
ARTS AND HUMANITIES	◆ None
PUBLIC SERVICE	<ul> <li>Education and Training</li> <li>Government and Public Administration</li> <li>Human Services</li> <li>Health Science</li> <li>Law, Public Safety, Corrections, and Security</li> </ul>
MULTIDISCIPLINARY STUDIES	All Career Clusters



### 8<sup>th</sup> Grade My Personal Highway

#### **Module 1**

Who Am I?

#### Module 2

**High School Research** 

#### Module 3

**School Choice** 

#### **Module 4**

**Personal Graduation Plan** 

#### **Naviance Surveys**

- Module 1-Career Key
- Module 2-Career, Endorsement and High School Survey
- Module 3-School Choice Survey
- Module 4-Personal Graduation Plan

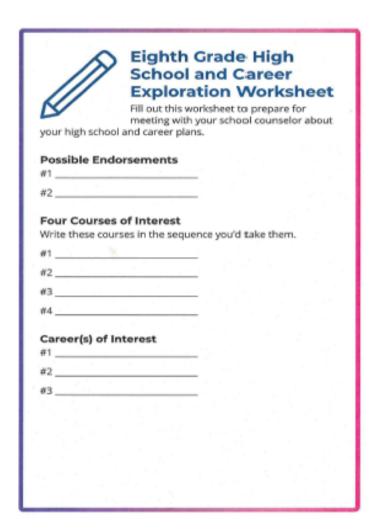
## Module 2 What is an Endorsement?

HB5 Educational Video

What is an Endorsement?

M.P.S.
VI.P.J.
t is an Endorsement Video", write the full name of
ents the name of each of the five endorsements.
age?110994 to search high schools by endorsements.
ENDORSEMENTS OFFERED
ENDORSEMENTS OFFERED
it

## Module 2 What is an Endorsement?





## **Endorsement Toolkit and Badge Contest**

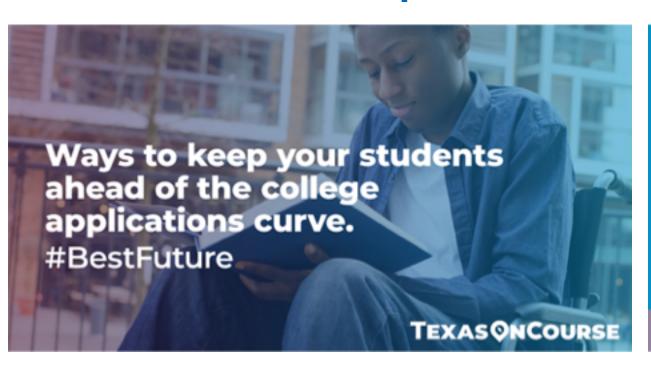
https://txoc.link/endorsement-toolkit-fellows

THE UNIVERSE AWAITS FOR **YOUR STUDENTS!** HELP THEM EXPLORE THEIR **ENDORSEMENT OPTIONS. TEXAS ON COURSE** 



## College Applications and Financial Aid Badge Contest

https://txoc.link/BestFuture-Fellows





## **WEBINARS IN 2019-2020**

December 3<sup>rd</sup>, A-F Accountability: Make an Impact Using Texas OnCourse

January 14<sup>th</sup>, Resources for Working with Families with Special Circumstances

https://texasoncourse.org/tools/monthly-webinarseries/

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