

Middle School CTE Exposure



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Presenters

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Agenda

- Objective
- Importance of CTE Exposure in Middle School
- Share Out
- Sample Activities by Grade Level
- Resources
- Middle School/High School Collaboration
- Challenges
- Questions

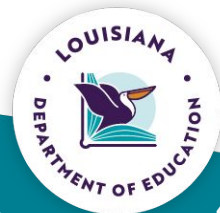
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Objective

To foster greater student engagement and awareness regarding the value of career exploration opportunities during middle school.

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Importance of CTE Exposure in Middle School

- Experiences can have a strong influence on future career choices
- Middle school students are at higher risk for disengaging from learning
- Unrealistic career plans
- Career aspirations may be limited because of lack of exposure
- Adolescents have a greater capacity to think about and plan for future

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Share Out

What types of activities does your district provide to expose middle school students to different careers?



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How to Incorporate Career Exploration

- Embed career awareness activities in classroom instruction
- Schoolwide career fair with community stakeholders
- Interest inventories
- Collaborate with area high schools

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6th Grade Student Sample Activities

- Begin the process of discovering career interests
 - What subjects do you enjoy? Why?
 - What do you enjoy doing and skills do you excel in?
 - What extracurricular activities do you participate in?
- Have students correlate skills to jobs
 - With the skills you have, what job area would you excel?
 - What jobs correlate to the subjects you enjoy in school?
- [Learning Style Quiz](#)



7th Grade Student Sample Activities

- Interest Surveys
 - [CareerOneStop](#)-30 Questions, 5 Minutes
- Discover the education needed for career interests
 - 4 year degree, Associate's Degree, Certification
 - What schools offer the degree needed?
 - How much will school or program cost?
- Salary predictions
 - [US Bureau of Labor Statistics](#)

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8th Grade Student Sample Activities

- Interest Surveys
 - [O*NET Interest Profiler at My Next Move](#)
- Quest for Success, Project Lead the Way
- High school counselor collaboration
 - Complete IGPs
 - What courses in high school will prepare students for postsecondary goals?
 - What certifications can students obtain in high school?
- High school student speakers or recent alumni
- Career Project (Capstone Project)
 - Incorporating activities from 6th-8th grade



Resources

My Life. My Way

- Louisiana Workforce Commission
- Details cost of living and what jobs support that cost of living in Louisiana
- Activities:
 - Compare and contrast regions
 - Virtual scavenger hunts
 - Capstone project/research



Estimate your living costs, learn what you'll need to earn.



Know how much you want to earn?

\$



Have an occupation in mind?

Select a region:



Housing

Choose only one.



\$ 1,618



\$ 1,077



\$ 902



\$ 832



\$ 0



\$

Total Expenses

Here's the monthly cost of items you've chosen. Once complete, you can find careers that pay the salary you'll need for your budget.

Monthly Expenses	Baton Rouge
Housing	\$0
Utilities	\$0
Food	\$0
Transportation	\$0
Clothing	\$0
Health Care	\$0
Personal	\$0
Entertainment	\$0
Miscellaneous	\$0
Education	\$0
Savings	\$0
Total Monthly Expenses	\$0
Annual Expenses	\$0
Taxes (25% of expenses)	\$0
Annual Salary Needed	\$0



Please contact katieheck@ipsb.education with questions.

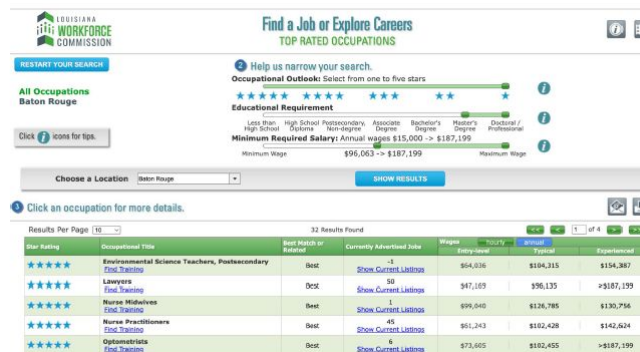
Resources

My Life. My Way

- Resulting discussions and tasks
- Compare and Contrast
 - Differences between regions (i.e. housing)
 - Education Costs VS Occupational Goals
- Understanding Occupational Outlook
- Segue into O*NET for Students

Your Monthly Expenses Baton Rouge

Housing	\$1,618
Utilities	\$421
Food	\$355
Transportation	\$1,165
Clothing	\$100
Health Care	\$130
Personal	\$100
Entertainment	\$160
Miscellaneous	\$912
Education	\$861
Savings	\$582
Monthly Total	\$6,404
Annual Expenses	\$76,850
Taxes (25% of expenses)	\$19,212
Annual Salary Needed	\$96,063



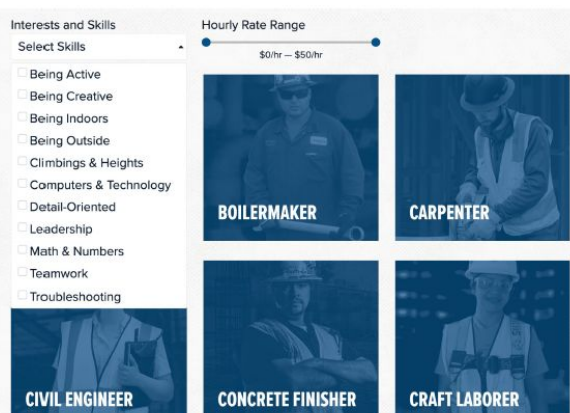
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Resources

Build Your Future

- [BYF.org](https://byf.org) - Site for students interested in careers in construction
- Free classroom resources
- Online Scavenger Hunts, research, salary, etc.
- Students search by interests and skills



BOILERMAKER

Boilermakers manufacture and install boilers, tanks and other large vessels that contain liquids and gases.

INTERESTS & SKILLS	AVERAGE WAGE
<ul style="list-style-type: none">Being ActiveDetail-OrientedMath & NumbersTroubleshooting	<div>\$66,251 Salary</div> <div>\$31.85 Hourly</div>

WHAT YOU'LL NEED

Technical School, Community College, Registered Apprenticeship Program and Industry Training Program

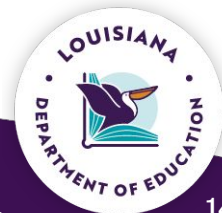
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Resources

STEM Career Exploration for Middle School

- Capital Area STEM Network
 - Newsletter for career related events, programs and activities
- [Code.org](#)
 - Self paced, online learning access for verified teachers
 - Coding and computer based activities
 - [Hour of Code](#)



Resources

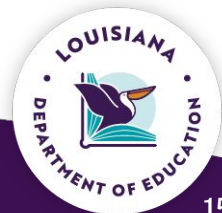
STEM Career Exploration for Middle School

- [Project Lead the Way Gateway](#)
 - Grades 6-8
 - STEM area focus (i.e. Computer Science)
 - Grants available
 - High school credit (per district)
 - Computer Technology
 - Requires training for teachers
 - STEM Student Showcase



PLTW Gateway opens paths that create meaningful futures. It connects students to careers in areas they can, and can't imagine.

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Resources

STEM Career Exploration for Middle School

- EverFi
 - K-12 research based content to allow students to dig deeper into their interests, skills and aptitudes
 - Engage students at all grade levels by bringing real-world skills to your classroom
 - Financial literacy content for middle school
 - Expanded Content: College and Career Readiness, STEM, Mental Health, & More
 - Online and supplemental resources including curriculum and lessons



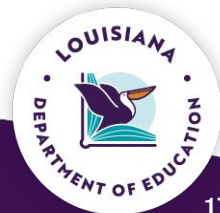
Resources

Career Compass

- Grades 6-11 Modules
- Modules are prepared and aligned with state needs
- 8th grade module introduces IGPs
- Pre and Post Testing
- Can be completed as a class or individually
- Inventories embedded in each module
- There is a cost for districts

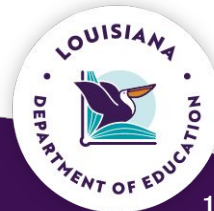


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Middle School/High School Collaboration

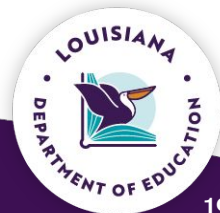
- High school counselors present on the different CTE programs are offered at their school
- Current/past students speak to students about the certifications they will earn/earned in high school
- PreACT



Challenges of Middle School Career Exploration

- Core Subjects VS Electives Classes
- Tops University VS Tops Tech
- Lack of school counselors or staff to support initiatives
- Financial challenges

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Questions?

Contact Information

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