Help! My Kid’s Going To High School!

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Workplace Changes Impacting Our Thinking? AKA: Definition of Success

https://vimeo.com/67277269
The New Yardstick

– The rules for work are changing, We’re being judged by a new yardstick: not just by how smart we are, or by our training and expertise, but also by how well we handle ourselves and others.

– Daniel Goleman, Working with Emotional Intelligence
How Can We Help Our Students?

• “We need to ask people three questions.
  • WHAT DO YOU LIKE? What’s your **PASSION**?
  • WHAT ARE YOU GOOD AT? Where are your **TALENTS**?
  • HOW ARE YOU GOING TO ADD VALUE IN THE ECONOMY?” What do you **BRING TO THE TABLE**?

*Rick Stephens, senior vice president of human services & administration at The Boeing Corp. in interview with new TWC publication*
Think Like a Student

Texas Genuine Career Assessment Survey

http://assessment.texasgenuine.org/

Find Your Future

Welcome to the TEXASgenuine Assessment

This is a career guidance tool that allows you to respond to questions and identify your top three Career Clusters™ of interest based on your responses. This is for educational purposes only.

Please note, interests may change over time, and it is recommended students consider more formal assessments and other resources or services to help plan their career. This assessment is intended for use as a guidance tool to generate discussion regarding careers and is valid for that purpose.

Start Now

Self Exploration and Career Assessment
Top Hiring Factors 1...5

- Attitude • 4.8
- Communication Skills • 4.2
- Previous Work Experience • 4.0
- Recommendation of Current Employer • 3.4
- Recommendation of Previous Employer • 3.2
- Industry Skills Certification • 2.9
- Years of Schooling

Source: U.S. Census Data
"YOU GET FIVE MINUTES BETWEEN SOCCER AND PIANO? WHAT DO YOU DO WITH ALL THAT FREE TIME?!!?"
21st Century Employability Skills

Academic Skills
- Reading, writing, communicating, math, science, social studies skills

Technical Skills
- Ability to learn on the job, to work in a team, & use multiple technologies to complete a task

Employability Skills
- Adaptability, critical thinking, teamwork, collaboration skills, ethics and self motivation
New TEA Career Cluster Icons

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics
- Career Development
Your journey starts here.

Texas CTE Resource Center

www.txcte.org
Changing Times

• Increasing Global Competition

• A Virtual/Changing Work Environment

• Safety in the Workplace

• Change is Constant

• Work methods and functions require employees to adapt and flex constantly – Lifetime Learners

• Education and Training never ends
Foundation High School Plan

- The Foundation High School Plan consists of 22 credits
  - With the addition of Endorsements, the student graduates with 26 credits
  - The Endorsements are:
    - Business
    - Public Service
    - STEM
    - Arts and Humanities
    - Multidisciplinary

Please Refer to TEC Chapter 74 for details on the Foundation High School Plan with Endorsements
Changing Times

• 95% of our students jobs will require education beyond high school but not a 4 year baccalaureate degree

• Technologies will replace people so our students will need to constantly evolve as employees

• Rethinking the “job for a life” concept

• Constant resource shortage – creative thinkers and recyclers

• Jobs shifting to outsourcing and contracting - telecommuting
The Evolving Skills Market

- Requires a high school diploma

- Requires 1-2 year of training beyond high school, certification, license, and/or specialized training

- Requires a 2-4 year (or more) baccalaureate or advanced degree.

Source: DOL
### College & Career Readiness Standards

<table>
<thead>
<tr>
<th>Key Cognitive Skills</th>
<th>Foundation Skills</th>
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<tbody>
<tr>
<td>• Intellectual Curiosity</td>
<td>• Reading Across the Curriculum</td>
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<tr>
<td>• Reasoning</td>
<td>• Writing Across the Curriculum</td>
</tr>
<tr>
<td>• Problem Solving</td>
<td>• Research Across the Curriculum</td>
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<tr>
<td>• Academic Behaviors</td>
<td>• Use of Data</td>
</tr>
<tr>
<td>• Work Habits</td>
<td>• Use of Technology</td>
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<tr>
<td>• Academic Integrity</td>
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Let’s Break it Down: What Employers Want

• People Who Can Communicate, Solve Problems and Continue to learn

• People with Positive Attitudes

• People who can work with others (lead as well as follow)

• People willing to train, educate and change
Forget Millennials AND Gen Y-
Let’s talk Generation Z
Children Born 2000* and after
(some data say 1995)
Creativity and Innovation
What Our Students Have That is Special

- Children who do not remember 9/11
- Children who have never known our nation not at war
- More Risk Averse in certain activities
- Church attendance for Generation Z is 41%, compared to 18% for Millennials, 21% for Gen X, and 26% for Baby Boomers
- In 2013, 66% of Gen Z teenagers have never tried alcohol, down from 82% in 1991
Collaboration
What Our Students Have That is Special

- Also in 2013, 8% of Gen Z never or rarely wore a seat belt, down from 26% in 1991
- In 2016, research showed Gen Z have lower teen pregnancy rates, less substance abuse, and higher on-time HS graduation rates compared to Millennials
- Gen Z’s tend to look after their money ad make the work a better place
- “Unlike the Older Gen Y, they are smarter, safer, more mature and want to change the world”  
  – Journalist Harry Wallop
Gen Z: Technology and Social Media

• First generation to have widespread access to internet form birth or early age

• Unprecedented amount of technology a part of their upbringing

• “Gen Z has a digital Bond to the Internet”

• 41% of Gen Z spend 3 hours or more per day using computers or devises for purposes other than schoolwork, compared to 22% in 2004
Communication
“While researchers and parents agree the change in educational paradigm is significant, the results of the changes are mixed. On one hand, smartphones offer the potential for deeper involvement in learning and more individualized instruction, thereby making this generation potentially better educated and more well-rounded. On the other hand, some researchers and parents are concerned that the prevalence of smartphones may cause technology dependence and a lack of self-regulation that may hinder child development.”

PEW Research Center
Creativity

Communication

Collaboration

Critical Thinking
Gen Z: Employment Prospects

• Gen Z will be “better Future Employees”

• Have skills to take advantage of Advanced Technologies

• Comfort in Companies High Tech Worlds

• Prefers Person-to-person contact over online interaction

• Well Prepared for a Global Business Environment

• Want a Feeling of Fulfillment and Excitement in their Job and to Help the World
Gen Z: Employment Prospects

- Eager to be involved in their Communities
- Leveraging Relevant Professional Opportunities
- 2016 Survey showed Gen Z professionals started our better in the Job Market compared with the older Gen Y
21st Century Skills
Closing Thoughts

‘The skills that made us successful in the PAST....won’t in the FUTURE!’

Former CEO, Hewlett Packard