



Let's Inspire Young People to Reach Their Full Potential.

I appreciate your participation in my presentation!

In the following pages, you'll find the PowerPoint slides you requested.

If your community and organization need to go beyond collaboration to true consensus, let's connect. Together, we can set a **compelling community rally point** that everyone can believe in! [Find out more](#) and let's connect for a no-commitment chat about what you'd love to achieve in your community and organization.



EMPOWER K-16 LEARNERS WITH THE SKILL TREE!

All students need vital human skills like adaptability, communication, coping, self-management, and more. The **Skill Tree** is a turnkey solution to introduce students of all ages to 21 professional skills they need for school, work and life. The motive? Their own powerful, personal competitive advantage.



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I appreciate and applaud your commitment to the next generation, and I hope we can stay in touch. Enjoy the PowerPoint slides!

MARK C. PERNA

SPEAKER | AUTHOR | CEO

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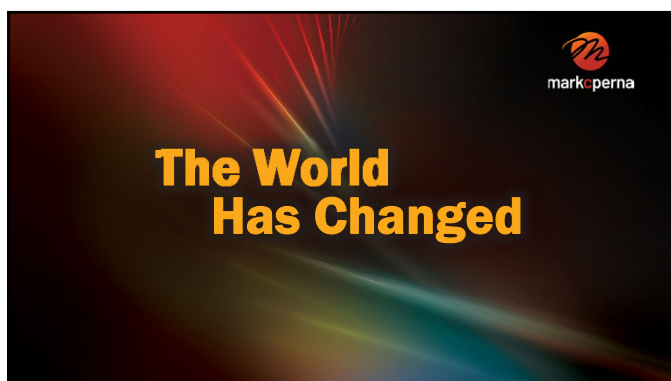
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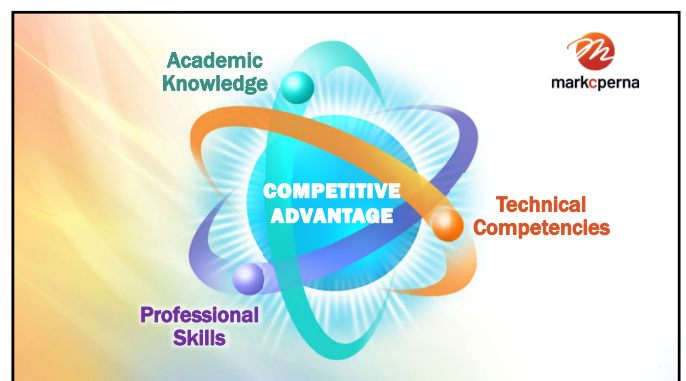
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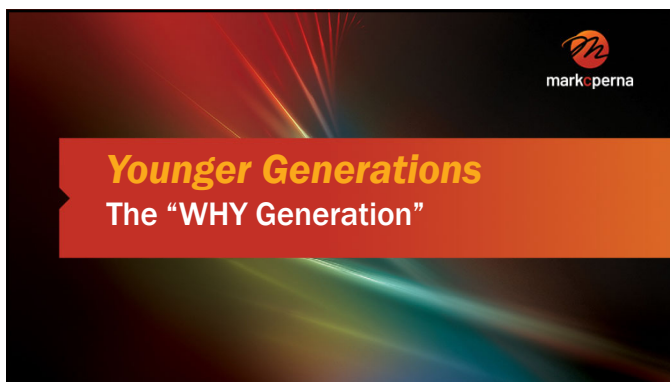
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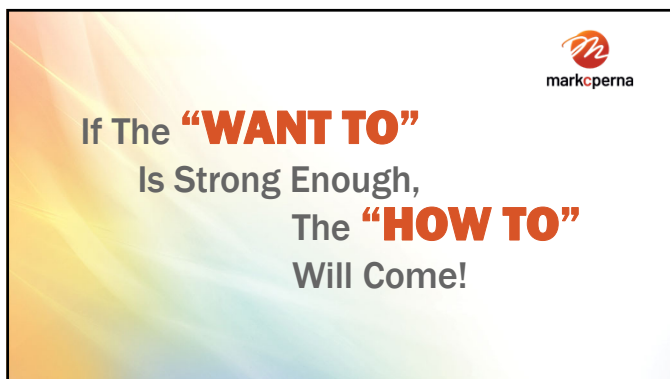
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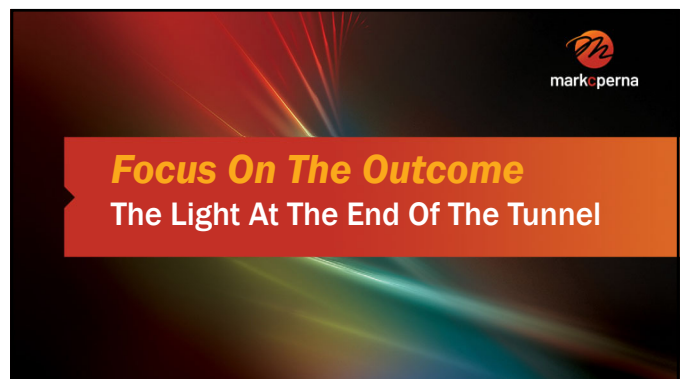
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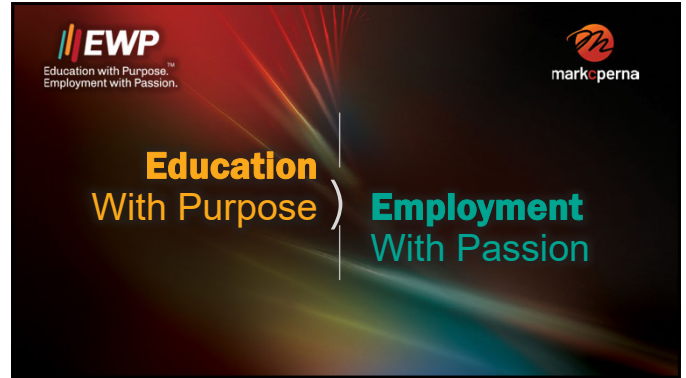


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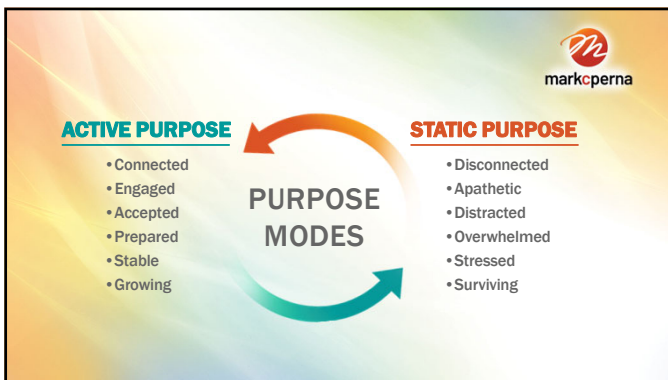
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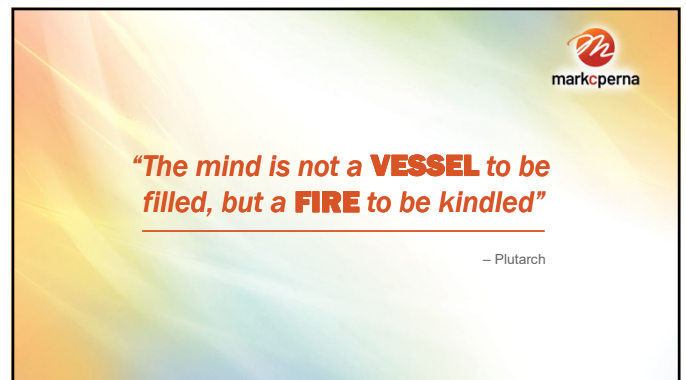
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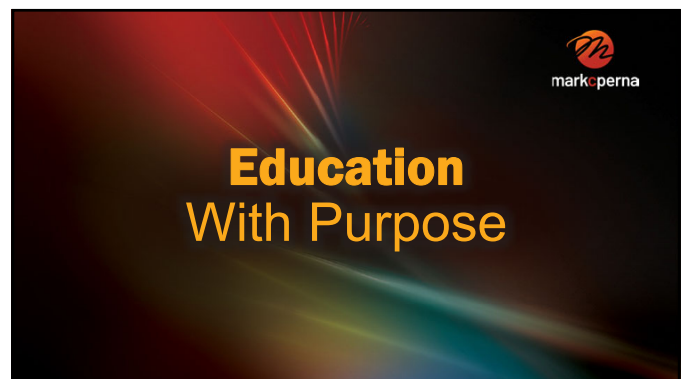
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**Georgetown University
Center for Education and Workforce**




Estimates **1/3rd** of nation's top-performing high school students (SAT over 1,000) **do not obtain a college degree...** and yet nearly all of them attempt college.

19

**Strada-Gallup Education Network
College Student Survey**




32,000 students representing 43 random 4-year institutions




- Only **34%** of students believe they will graduate with the skills and knowledge to be successful in the job market and workplace
- Only **50%** believe their major will lead to a good job

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College Completion




Wall Street Journal




- **40%** of all college students drop out
- Of the 60% that earn a degree in 6 years, **20%** will end up chronically underemployed
- This means for every 5 students, **only 2** will graduate and find a job based on their degree

21

College Enrollment



Wall Street Journal



- Percentage of students who enrolled in college after high school has fallen to **62%**
- **3 million** fewer students in college annually
- **2/3** of high school students think they will be just fine without a college degree

22

College Debt in America



As Reported by Major News Agencies



- **\$1.6 Trillion** in Total Student Loan Debt
- **\$176 Billion** (11%) Over 90-Days In Default
- **44.2 Million** People Carry Student Loan Debt
- **4.86 Million** People Are Over 90-Days In Default
- **3,000 Defaults** Per Day in America

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**Etiquette Gap Among
Recent College Graduates**



Intelligent.com, Survey of Managers, Directors, and Executives Involved in Hiring



At the Interview:

- **53%** Struggled with Good Eye Contact
- **50%** Asked for Unreasonable Compensation
- **47%** Dressed Inappropriately
- **27%** Used Inappropriate Language
- **21%** Refused to Turn On Camera During Virtual Interview
- **19%** Brought a Parent to the Interview

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Recent College Graduates Workforce Integration

Intelligent.com, Nationwide Business Leaders Involved in Hiring



Businesses Who Recently Hired College Graduates:

- **75%** Some Or All Were Unsatisfactory
- **60%** Fired A College Graduate They Hired This Year
- **90%** Say College Graduates Need Etiquette Training
- **1 In 7** May Refrain From Hiring College Graduates
- **Overall** "Hiring managers say recent college graduates are unprepared for the workforce, can't handle the workload, and are unprofessional"



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Recent College Graduates Did College Fail Me?

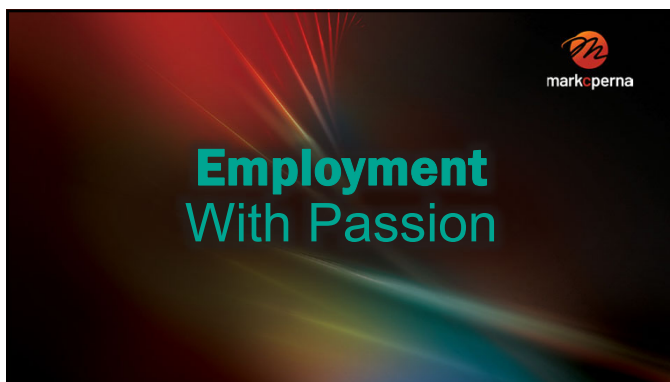
Hult International Business School, National Survey of Employees




- **77%** "I learned more in 6 months at my job than in my entire 4-year education"
- **85%** "I wish my college had better prepared me for the workplace"
- **87%** "I received better job training from my employer than I did from my undergraduate education"
- **94%** "I have regrets about my degree"



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Employment With Passion




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THE GROWING SKILLS GAP

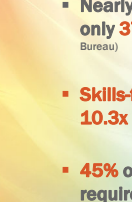
9.5 million open jobs in the U.S. (historic high).
By 2030, there will be a labor shortage of more than **85 million** people that could result in **\$8.5 trillion** lost in annual revenue.
(Source: Korn Ferry)

- **Train through the transition**
 - Technical competencies and professional skills
- **Tap new talent pools**
 - Requirements/Responsibilities
 - Degrees really needed?
 - Multiple years of experience for entry level?
 - Hire skill sets, not work history
- **Connect with rising generations**
 - Purpose, not just paycheck
 - Mental health resources
 - Social and environmental responsibility




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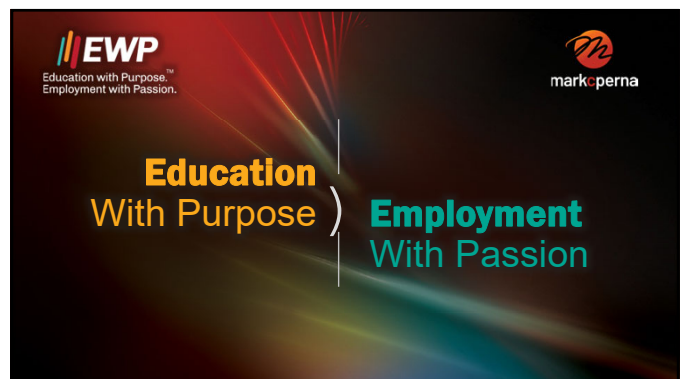
Transitioning to Skills-Based Hiring



- Nearly **70%** of U.S. jobs require a bachelor's degree, but only **37%** of the workforce has one (OpportunityAtWork; U.S. Census Bureau)
- **Skills-first hiring** Increases the talent pool for Gen Z by **10.3x** and Millennials by **9x** (LinkedIn)
- **45%** of companies intend to eliminate bachelor degree requirements for some positions in **2024** (Intelligent.com)




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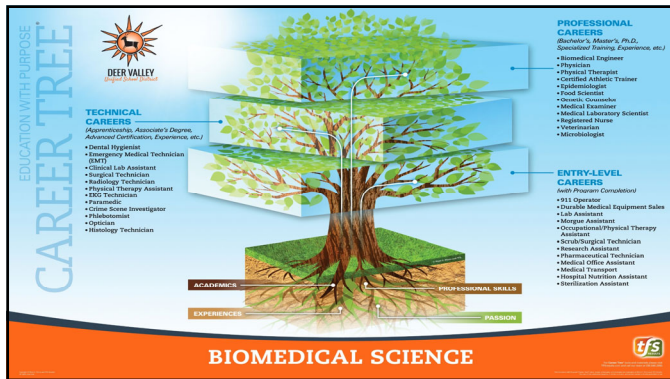
Education With Purpose

Employment With Passion



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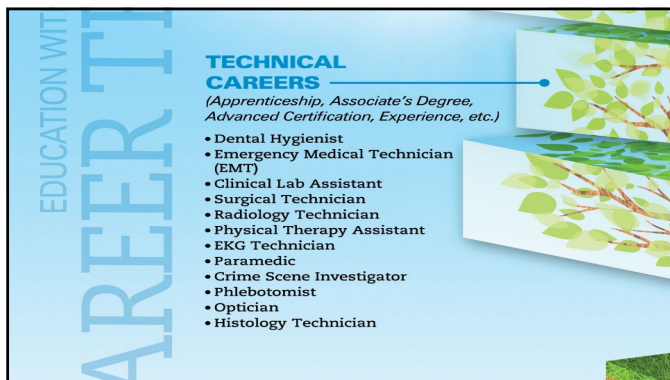
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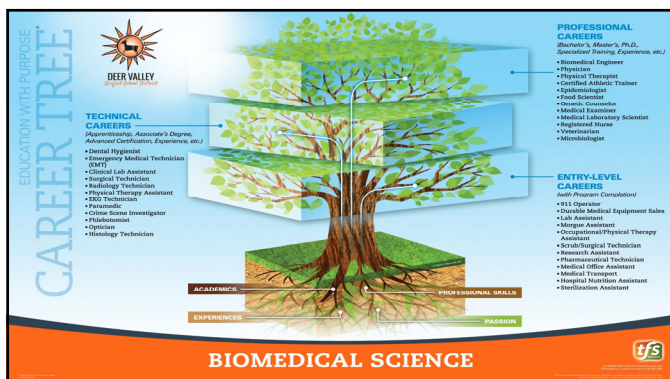
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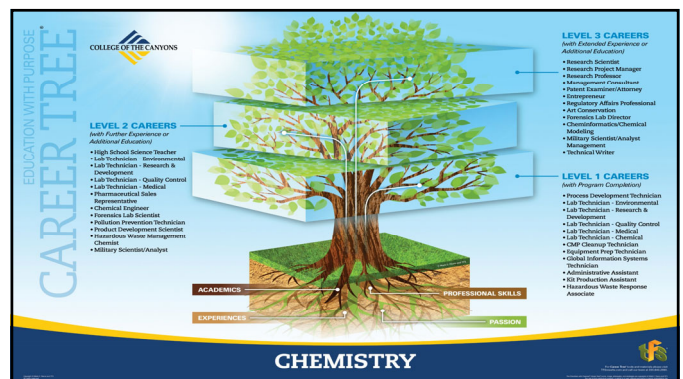
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LEVEL 1 CAREERS
(with Program Completion)

- Process Development Technician
- Lab Technician - Environmental
- Lab Technician - Research & Development
- Lab Technician - Quality Control
- Lab Technician - Medical
- Lab Technician - Chemical
- CMP Cleanup Technician
- Equipment Prep Technician
- Global Information Systems Technician
- Administrative Assistant
- Kit Production Assistant
- Hazardous Waste Response Associate

PROFESSIONAL SKILLS

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LEVEL 2 CAREERS
(with Further Experience or Additional Education)

- High School Science Teacher
- Lab Technician - Environmental
- Lab Technician - Research & Development
- Lab Technician - Quality Control
- Lab Technician - Medical
- Pharmaceutical Sales Representative
- Chemical Engineer
- Forensics Lab Scientist
- Pollution Prevention Technician
- Product Development Scientist
- Hazardous Waste Management Chemist
- Military Scientist/Analyst

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LEVEL 3 CAREERS
(with Extended Experience or Additional Education)

- Research Scientist
- Research Project Manager
- Research Professor
- Management Consultant
- Patent Examiner/Attorney
- Entrepreneur
- Regulatory Affairs Professional
- Art Conservation
- Forensics Lab Director
- Cheminformatics/Chemical Modeling
- Military Scientist/Analyst Management
- Technical Writer

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CHEMISTRY

LEVEL 3 CAREERS (with Extended Experience or Additional Education)

- Research Scientist
- Research Project Manager
- Research Professor
- Management Consultant
- Patent Examiner/Attorney
- Entrepreneur
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ACADEMICS | **EXPERIENCES** | **PROFESSIONAL SKILLS** | **PASSION**

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ELECTRICAL

TECHNICAL CAREERS (Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Master Electrician - Residential and Commercial
- Journeyman Electrician - Residential and Commercial
- Low Voltage Systems Technician/Wire and Security
- Business Owner (Self-Employed)
- Foreman
- Marine Electrician
- Solar and Wind Renewable Energy Technician
- Industrial Control Specialist
- Electrical Estimator
- Maintenance Facility Technician
- Theme Park Electrician

PROFESSIONAL CAREERS (Bachelor's, Master's, Ph.D., Association Training, Experience, etc.)

- Electrical Engineer
- Electrical System Project Designer
- Electrical Inspector
- Electrical Inspector
- Home Automation Installer
- Systems Integrator
- Renewable Energy System Designer
- Power Plant Technician
- Utility System Infrastructure Designer
- Electrical Designer/Architect

ENTRY-LEVEL CAREERS (with Program Completion)

- Apprentice Electrician
- Apprentice Fire Alarm Technician
- Apprentice Security System Technician
- Cable Television Installer
- Telecommunication Technician
- Customer Service/Sales Representative
- Material and Equipment Manager
- Office Manager
- Utility Worker
- Manufacturer's Representative
- Material and Equipment Delivery Person
- Home Theater Installer

ACADEMICS | **EXPERIENCES** | **PROFESSIONAL SKILLS** | **PASSION**

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ENTRY-LEVEL CAREERS
(with Program Completion)

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PROFESSIONAL SKILLS

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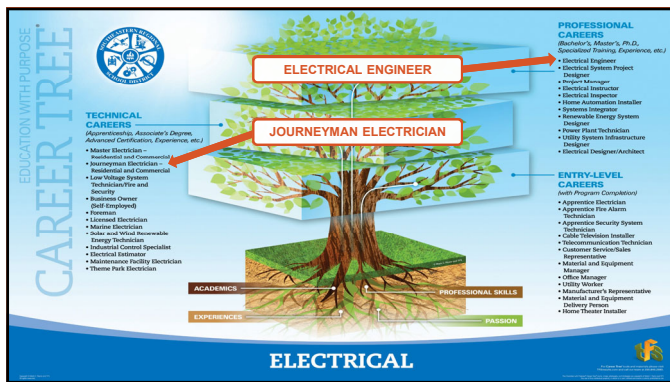
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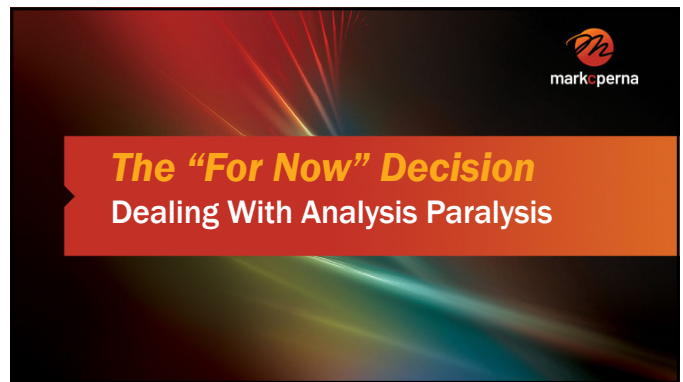
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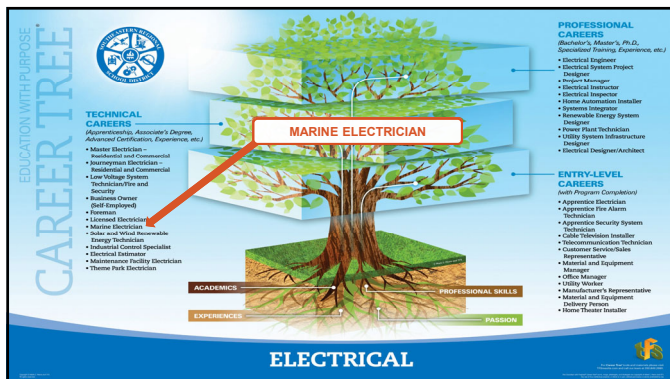
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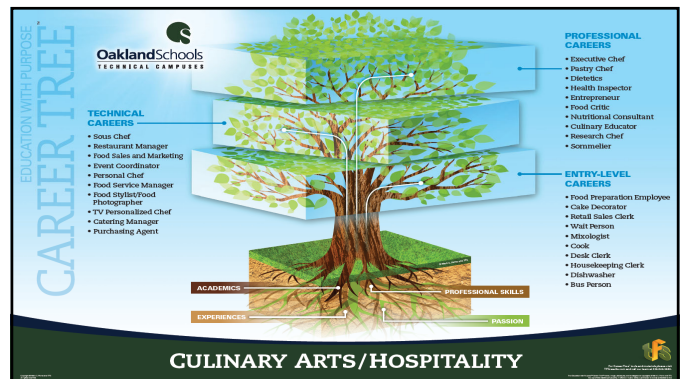
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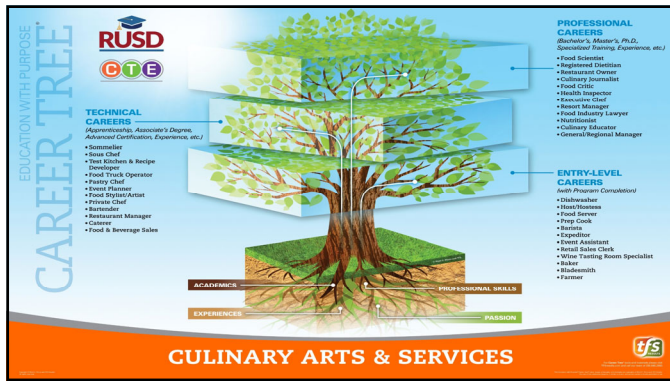


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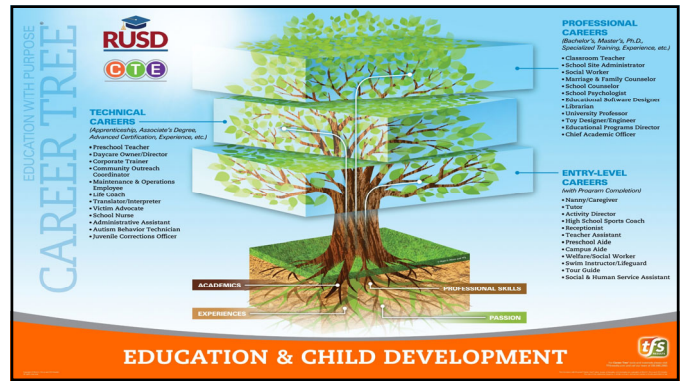


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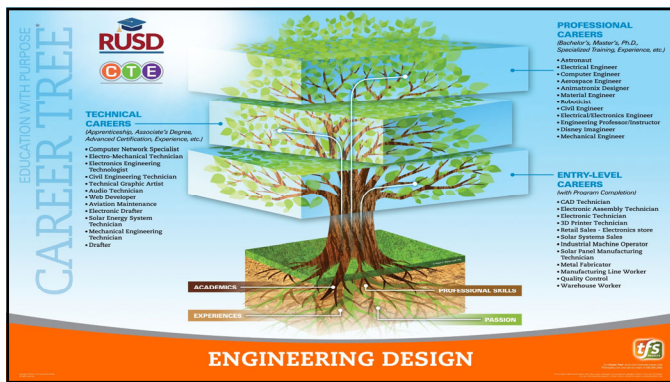




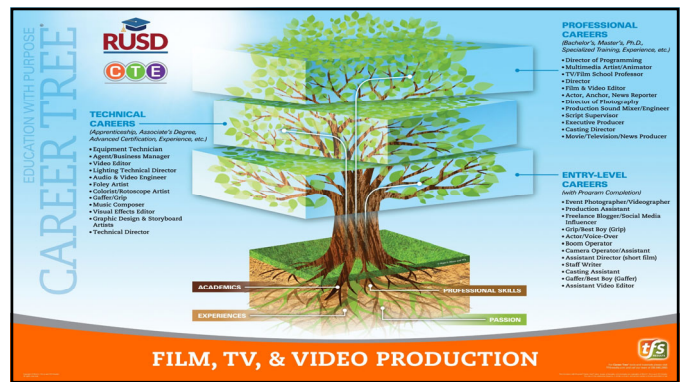
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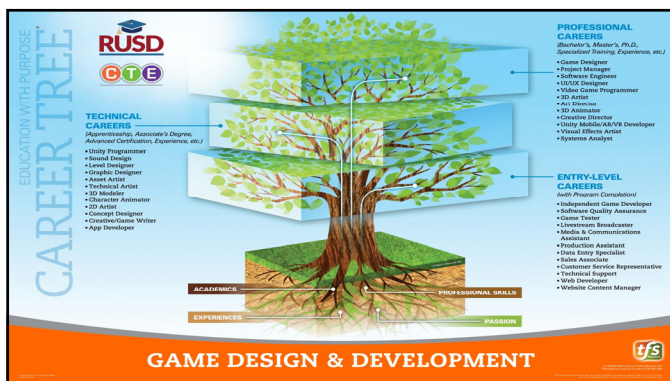
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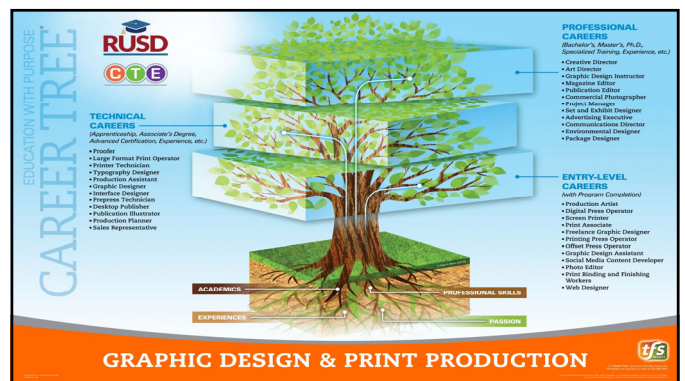
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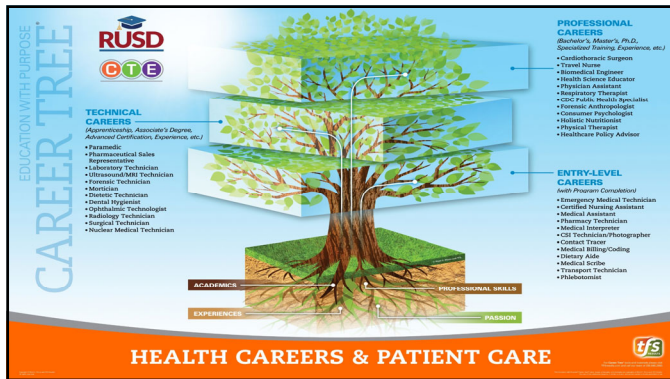


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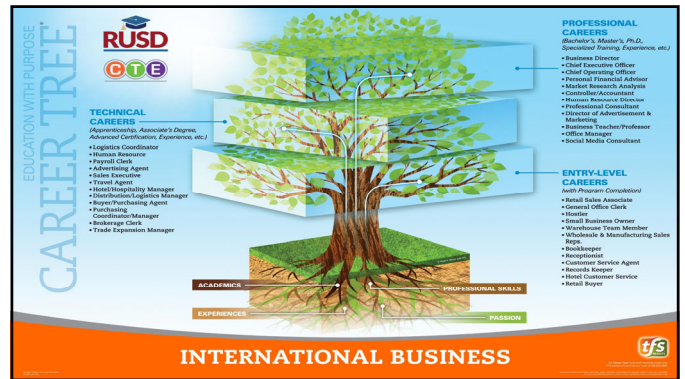


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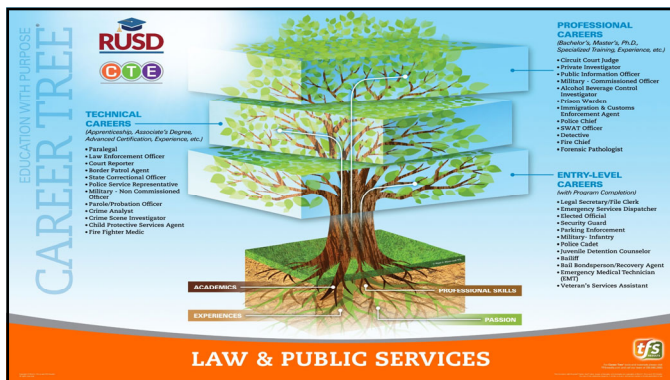
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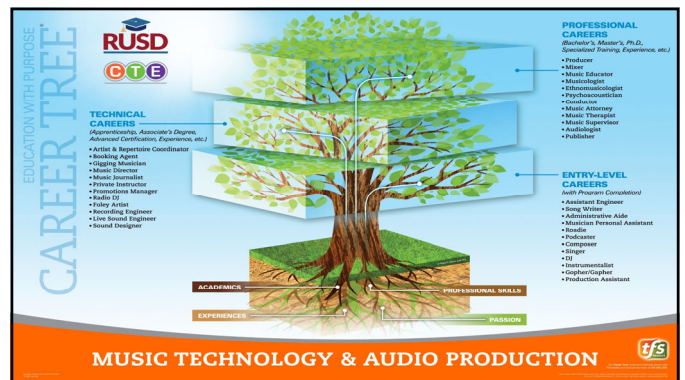
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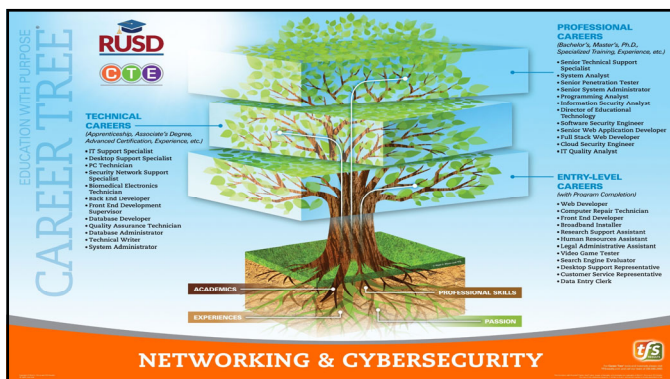
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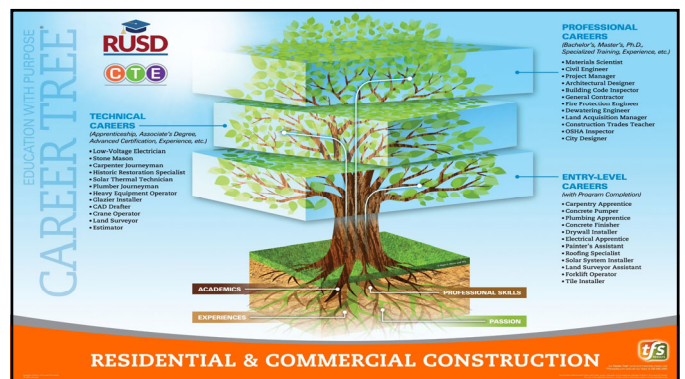
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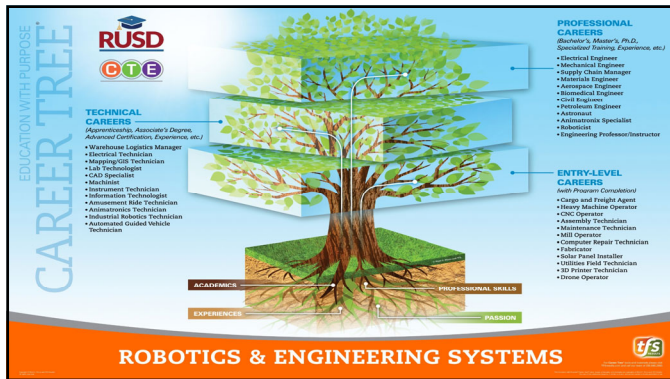


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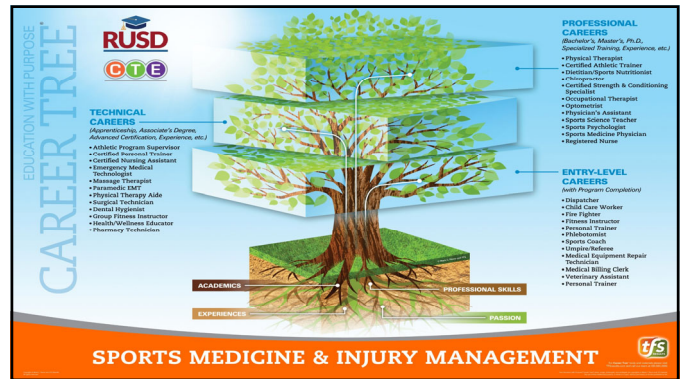


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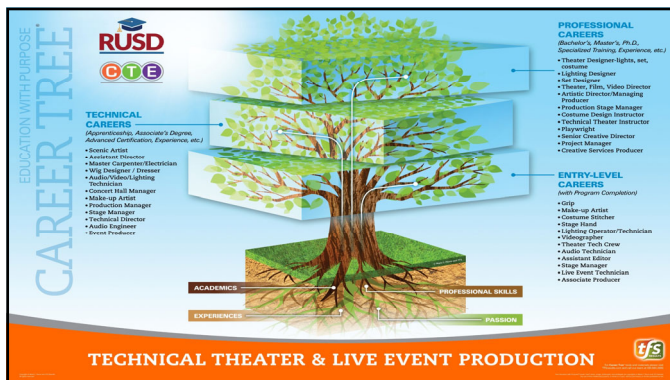
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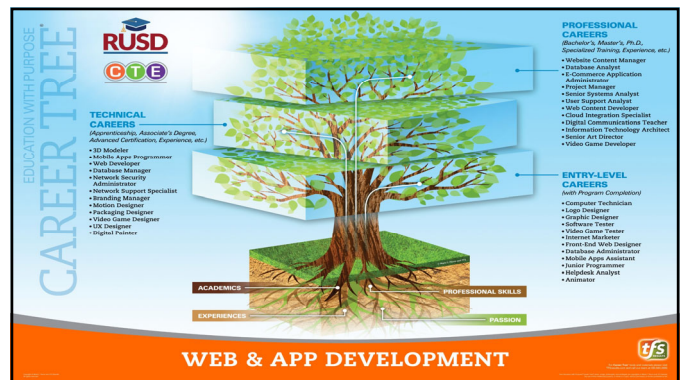
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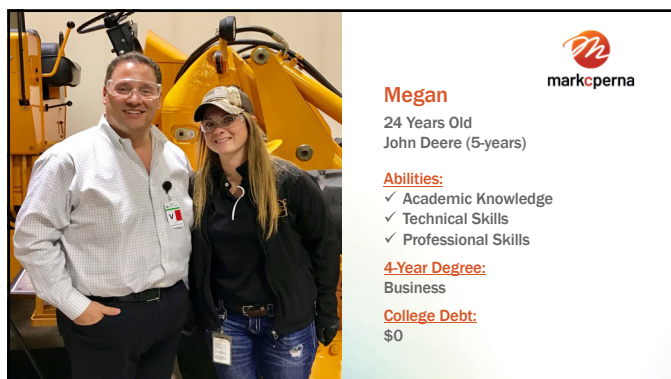
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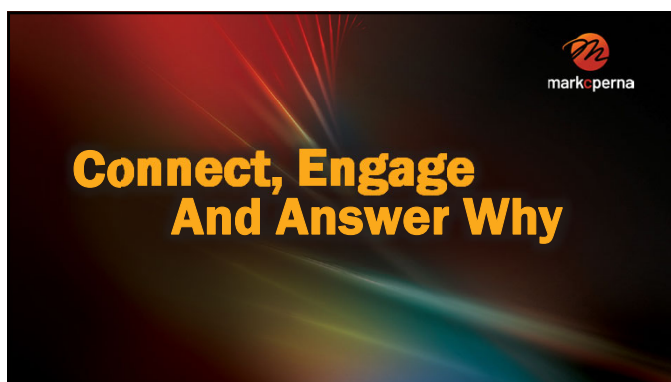
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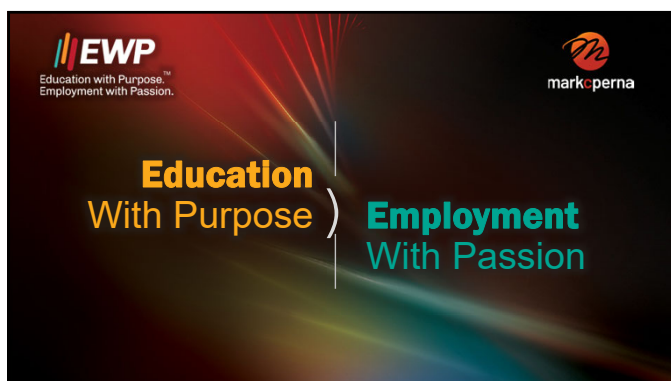
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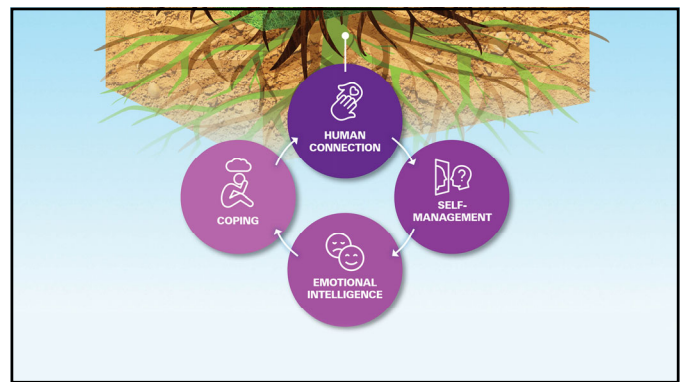
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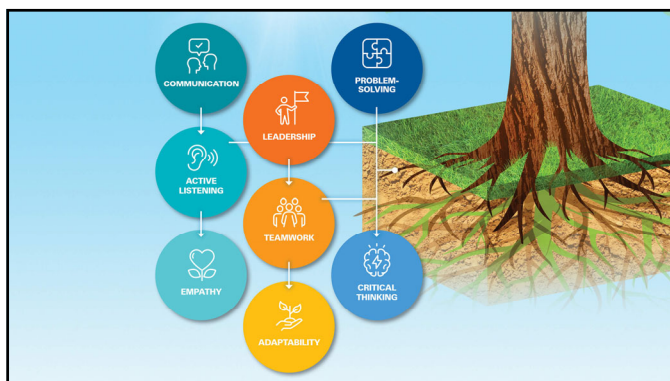
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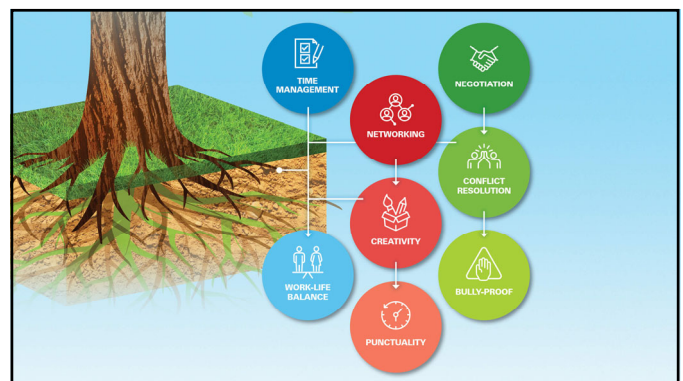
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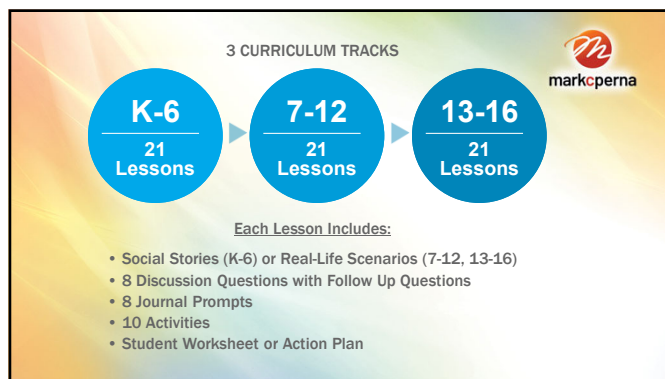


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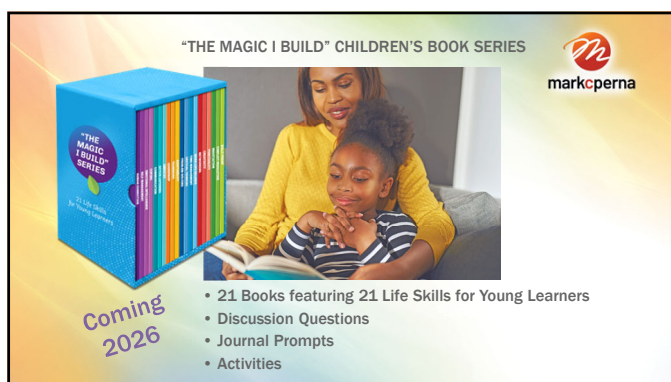
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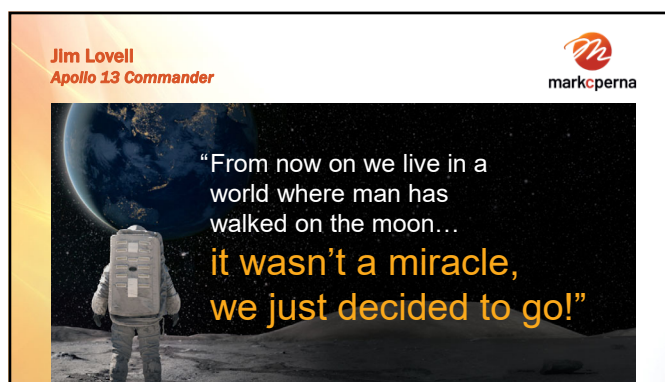
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