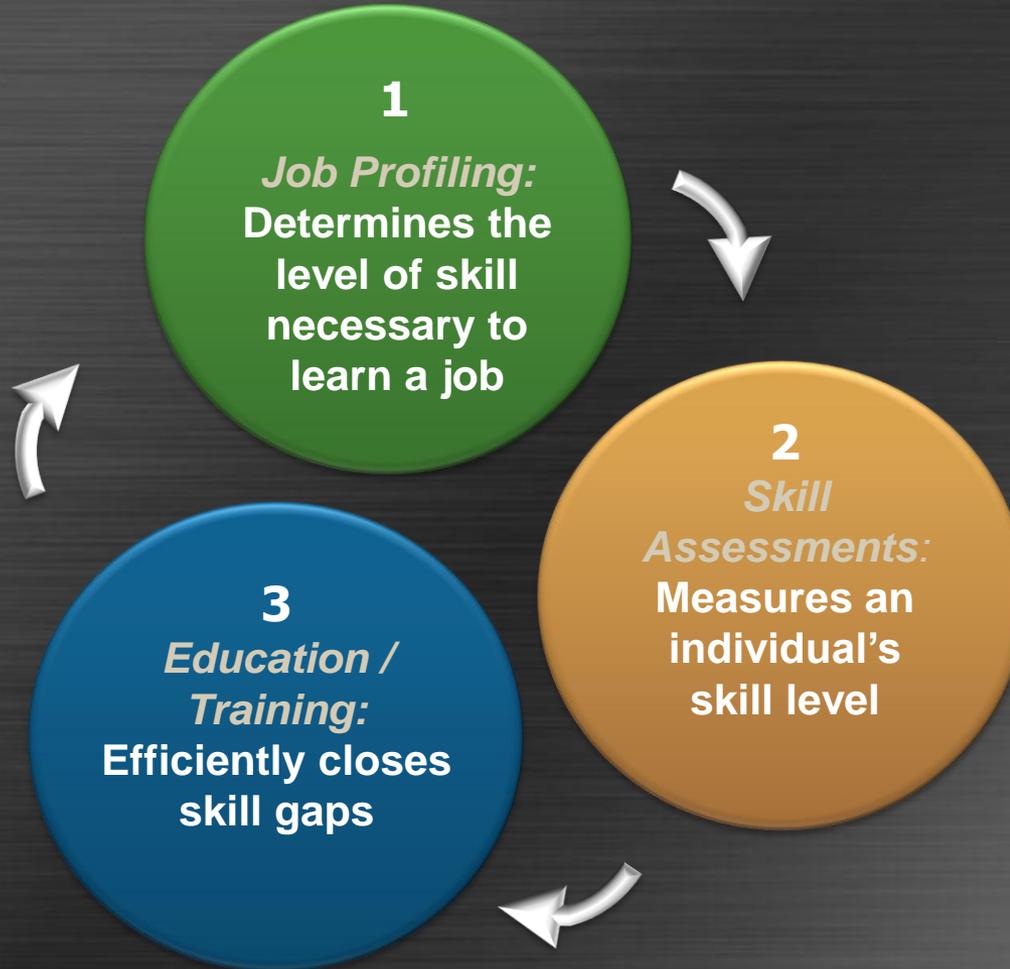




# KeyTrain, The Premier Curriculum System



# Based upon the WorkKeys® Job Skills System



# Adapting to the Changing Workforce



To meet the needs of the future workforce,  
we need to create ***Trainable*** employees.

- *According to former U.S. Secretary of Education Richard Riley, the top 10 in-demand jobs in 2010 didn't exist in 2004.*

*We are currently preparing students for jobs that don't yet exist, using technologies that haven't been invented, in order to solve problems we don't even know are problems yet.*

- Karl Fisch

- *Sixty five percent of the kids in preschool today will work in jobs that don't yet exist.*

- Jim Carroll

# Training for College or Workplace?



The needs of college and workplace-bound students are merging:

“Whether planning to enter college or workforce training programs after graduation, high school students need to be educated to a comparable level of readiness in reading and mathematics.”

- ACT, Inc.

Ready for College and Ready for Work: Same or Different?

# How to Measure Readiness for Skilled Workforce or College?



We need:

- A common language – what are the skills required?  
“We need to ask employers ‘what are the math skills required for the job.’”
- Foundational skills – complement job-specific skills  
“69% of applicants are rejected at hire because they lack basic skills, 32% because they lack reading and math skills”
- Applied skills – apply the knowledge  
“Students exiting our educational system have knowledge. But their demonstrated inability to apply that knowledge implies that they don’t understand what they know.”

Jo Kister, Ph.D.  
Workforce Development Consultant

# Definitions/Terms

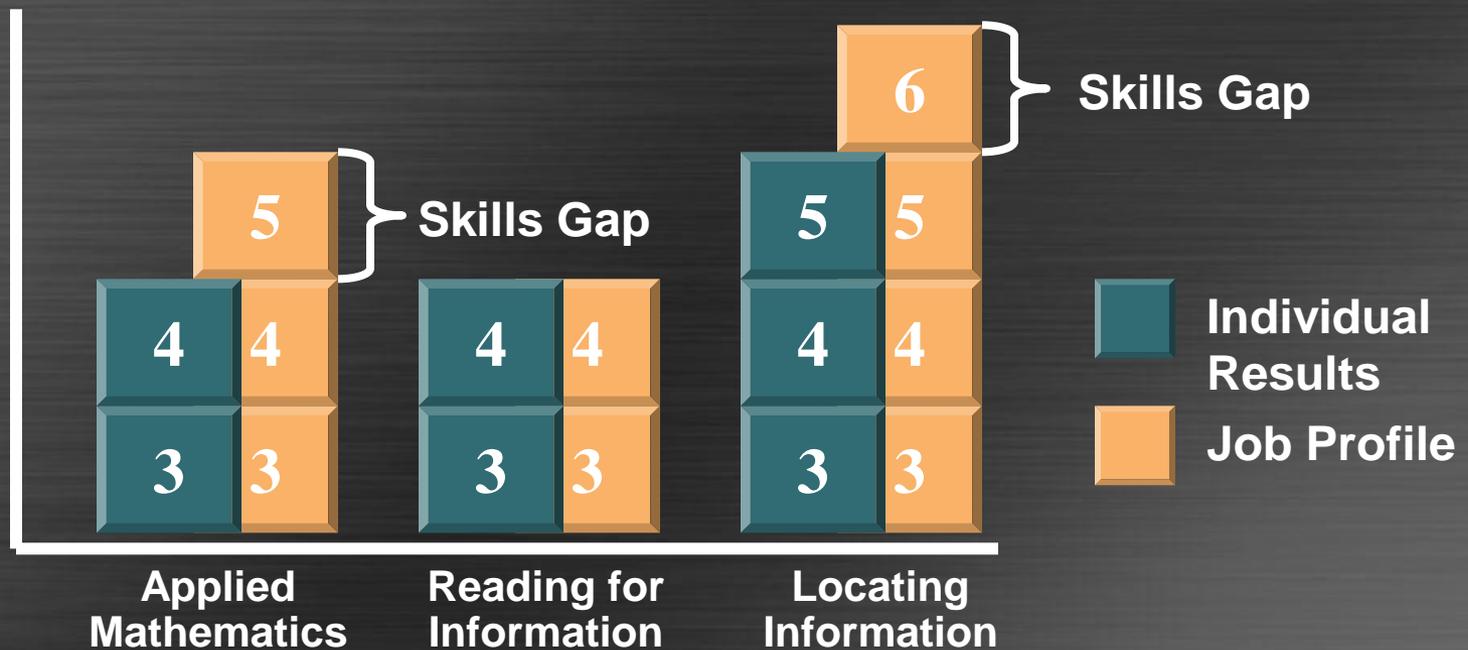


- Profile - Benchmarking
- WorkKeys® - Assessment
- KeyTrain® – Remediation
- National Career Readiness Certificate (NCRC)
  - a portable credential certifying an individual's basic workplace skills

# WorkKeys Identifies Skill Gaps



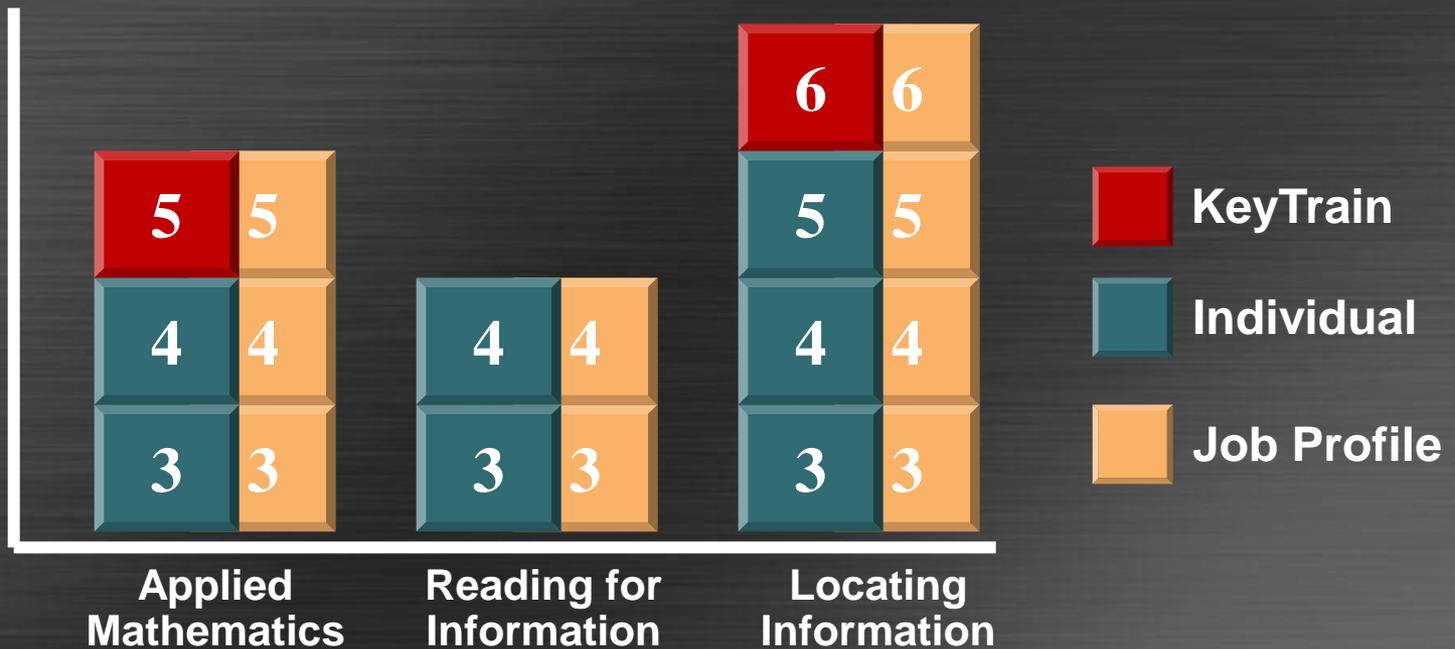
By comparing the job profile and individual assessment results, skills gaps can be identified



# KeyTrain Helps to Fill Skill Gaps



KeyTrain provides self-paced curriculum to help individuals fill their skill gaps



# WorkKeys® Skill Areas



- Reading for Information\*
- Applied Mathematics\*
- Locating Information\*
- Applied Technology
- Teamwork
- Observation
- Listening
- Writing
- Business Writing

**\*\* 85% of ALL  
occupations utilize  
these skills**

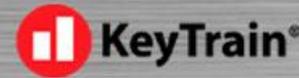


- Skill Areas of The Career Readiness Certificates
  - Reading for Information
  - Applied Mathematics
  - Locating Information

Three Certificate levels:

- **Bronze – Minimum of Level 3 in all Skill Areas**
  - Qualified for 30% of Jobs
- **Silver – Minimum of Level 4**
  - Qualified for 65% of Jobs
- **Gold – Minimum of Level 5**
  - Qualified for 85% of Jobs

# NCRC Provides Information on Skills



## ACT CAREER READINESS CERTIFICATE

WorkKeys® is a national workforce development system that permits a direct comparison of the skills and levels of skills needed to perform a job with the skills and levels of skills an individual currently possesses. This certificate reports on individual's Applied Mathematics, Locating Information, and Reading for Information levels of skills in relation to the level of these skills needed in 90% of the jobs and occupations contained in ACT's WorkKeys database. The ACT job profile database now contains thousands of job profiles. This certificate is only awarded to individuals who meet the performance criterion for Level 5 across all three skill areas. Individuals who perform at a Level 5 have the following skill proficiencies:

### APPLIED MATHEMATICS

#### Skills for Level 5

- Decide what information, calculations, or unit conversions to use to solve the problem
- Look up a formula and perform single-step conversions within or between systems of measurement
- Calculate using mixed units (e.g., 3.5 hours and 4 hours and 30 minutes)
- Divide negative numbers
- Find the best deal using one- and two-step calculations and then comparing results
- Calculate perimeters and areas of basic shapes (rectangles and circles)
- Calculate percentage discounts or markups

### LOCATING INFORMATION

#### Skills for Level 5

- Complicated workplace graphics, such as detailed forms, tables, graphs, diagrams, maps, or instruments gauges
- Graphics may have less common formats
- One or more graphics are used at a time

### READING FOR INFORMATION

#### Skills for Level 5

- Figure out the correct meaning of a word based on how the word is used
- Identify the correct meaning of an acronym that is defined in the document
- Identify the paraphrased definition of a technical term or jargon that is defined in the document
- Apply technical terms and jargon and relate them to stated situations
- Apply straightforward instructions to a new situation that is similar to the one described in the material
- Apply complex instructions that include conditionals to situations described in the materials

WorkKeys is a comprehensive system from ACT designed to help individuals develop better career skills.

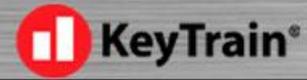
WorkKeys®



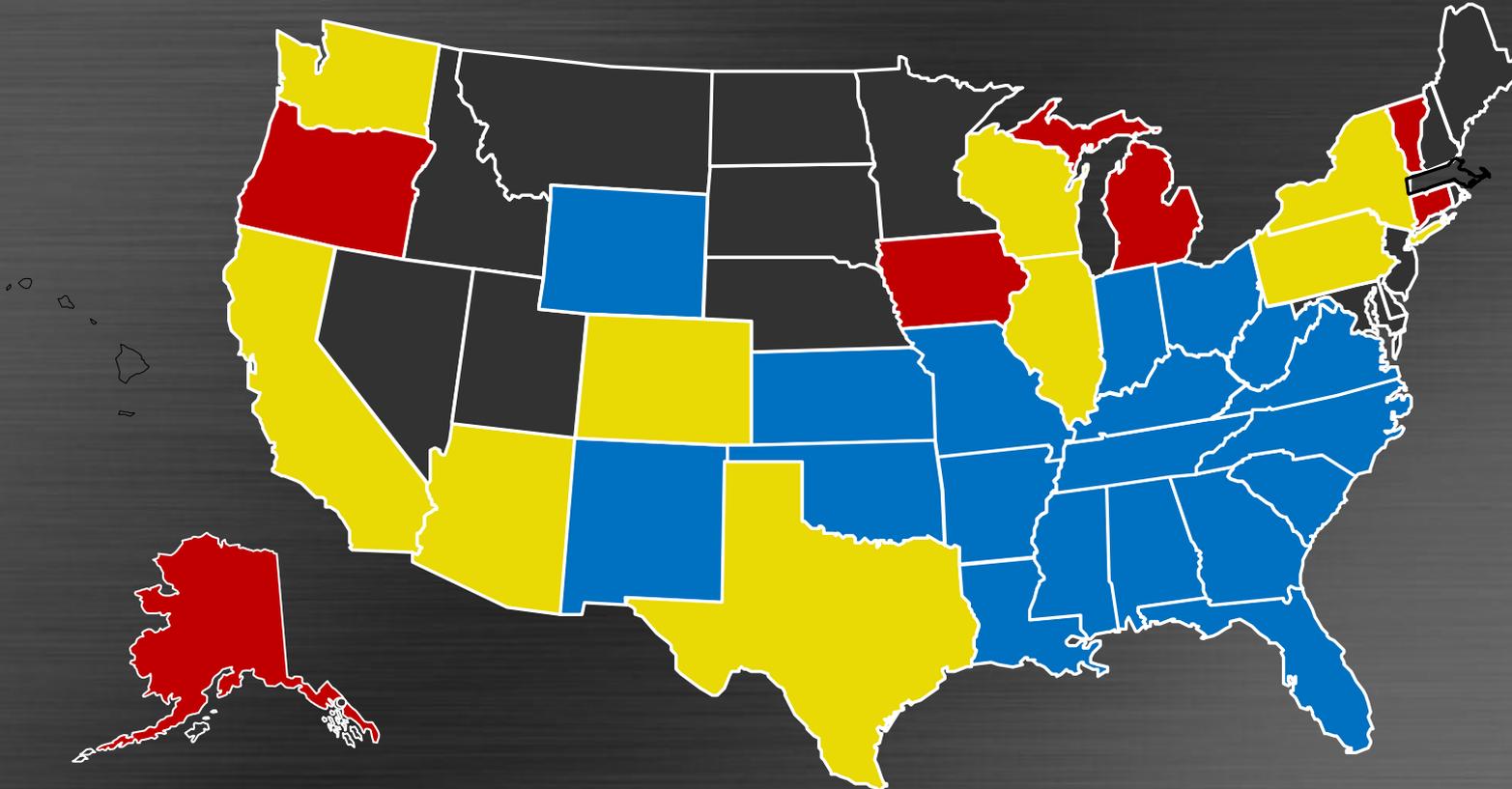
ACT®



# The NCRC is Nationally Accepted



	NCRC STATE
	CRC STATE CERTIFICATES
	WORKKEYS REGIONAL ACTIVITY
	LIMITED WORKKEYS ACTIVITY



# KeyTrain: The Complete System



## Academic Foundation Skills

- ✓ WorkKeys Curriculum
- ✓ Pre-WorkKeys Curriculum

## User Motivation

- ✓ Career Clusters Curriculum
- ✓ Job Profiles Database

## Personal Soft Skills

- ✓ Career Skills Curriculum

## Enabling Technologies

- ✓ Learning Management
- ✓ Reporting
- ✓ Spanish-language support

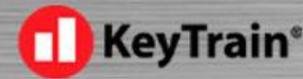
# ACT-Compliant Curriculum



- KeyTrain / Thinking Media is an ACT “Level I Publisher” and “Preferred Provider” of WorkKeys curriculum
- KeyTrain has been reviewed and found to meet ACT’s standards for WorkKeys skills instruction – the first curriculum that met standards in all skill areas.

**ACT™ and WorkKeys® are trademarks of ACT, Inc. Thinking Media is not owned or controlled by ACT, Inc.; however, ACT, Inc. has reviewed these training materials and has determined that they meet ACT, Inc.’s standards for WorkKeys training curriculum.**

# Job Profiles Database



Search ACT Job Profiles - Microsoft Internet Explorer

Address http://www.keytrain.com/profiles/search

keytrain.com home contact  Logout

**1. Specify search location.**

Search Location

Occupational WorkKeys Profiles  
 Local Job Profiles State:   
 Both

**2. Specify search criteria. (You may search by category or skill levels or both.)**

Search Category

Job Title (Keywords)   
 Job Cluster  (Select a Holland job cluster.)  
 Job Family   
 Job Description (Keywords)   
 Don't search by category

Skill Levels

Use this section to search the WorkKeys® occupational profiles or local job profiles by specific skill levels. You can use the results to identify careers which you are likely to be successful in, or to plan the training you need for a career you would like.

SKILL AREA	NA	1	2	3	4	5	6	7	SEARCH TYPE
Applied Math	<input checked="" type="radio"/>			<input type="radio"/>	<input checked="" type="radio"/> Best matches <input type="radio"/> Exact matches <input type="radio"/> Better Jobs <input type="radio"/> All qualified jobs <input type="radio"/> Higher skilled jobs  Point your mouse to a search type to see more details in the status bar.				
Reading for Information	<input checked="" type="radio"/>			<input type="radio"/>					
Locating Information	<input checked="" type="radio"/>			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Applied Technology	<input checked="" type="radio"/>			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Writing	<input checked="" type="radio"/>	<input type="radio"/>							
Listening	<input checked="" type="radio"/>	<input type="radio"/>							
Teamwork	<input checked="" type="radio"/>			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Observation	<input checked="" type="radio"/>			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

**3. Click Search to view results.**

Keytrain Student Tracking System Internet

# Instructional Design



### READING FOR INFORMATION, LEVEL 3 - WORD MEANINGS

OVERVIEW LEARNING PRACTICE QUIZ

HELP | SOUND

PAGE 5 of 22

#### FINDING CLUES WITHIN SENTENCE OR PARAGRAPH

Look at the example from the overview and answer the question.

Click on the words in the sentence that tell you the meaning of "absorption."

with toxic chemicals, you must wear protective gloves **absorption**, or passage of toxins through the skin into m.

MENU | REPEAT | PREVIOUS | NEXT

### LOCATING INFORMATION, LEVEL 3 - BAR GRAPHS

OVERVIEW LEARNING PRACTICE QUIZ

HELP | SOUND

PAGE 1 of 30

#### UNDERSTANDING BAR GRAPHS

Bar graphs are a good way to show and compare different amounts.

Suppose you were in charge of purchasing paper for your city. You want to show the mayor how much paper the city used in the past. How would you do this?

You could give him or her a list of numbers. However, a graph like the one shown can be an easier way to see how the city's paper usage has changed from year to year.

Click "Next" to continue.

#### City of Newspaperton Paper Usage

Year	Paper Usage (in tons)
2000	7.5
2001	6.5
2002	4.5
2003	5.5
2004	6.0
2005	4.5
2006	5.0

ENLARGE

MENU | REPEAT | PREVIOUS | NEXT

# Ease of use



http://demo.keytrain.com - Organization Administrator Menu - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print

Links Dev KeyTrain CEN

## KeyTrain

Support | Logout

Administrator: Demo Admin Organization: Thinking Media, Inc.

- Organization Options
- Instructor Accounts
- Student Accounts
- Assign Lessons
- Maintain Classes
- View/Print Reports
- Workbooks
- Answer Keys
- Take Lessons
- Export Data
- Import Data
- Job Profiles

Done Internet

http://demo.keytrain.com - My Assignments - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print

Links Dev KeyTrain CEN

## KeyTrain

Support | Logout

Student: Demonstration Student Organization: Thinking Media, Inc.

### My Assignments

Click on a course to the left to view the lessons that have been assigned on the right.

The following courses have been assigned...

	Lesson	Goal	Status	Score	Quiz Attempts	
Reading for Info	Pretest - Read Info.	7	Not Attempted		0	Start
	Read Info. Level 3	80	Not Attempted		0	Start
Applied Math	Read Info. Level 4	80	Not Attempted		0	Start

The following courses have NOT been assigned...

- Click here to add or modify assignments in Reading for Information.

- Applied Tech
- Begin. Language
- Begin. Math
- Bus. Writing
- Listening
- Observation
- Teamwork
- Writing

Done

Internet

Done

Internet

Listening

Observation

Teamwork

Writing

Begin. Math

Begin. Language

Bus. Writing

Listening

Observation

Teamwork

Writing

# Targeted Feedback



After all the expenses are paid, how much money will be left?

- \$57.91
- \$378.96
- \$462.96
- \$700.01

Make sure you did not subtract any expense more than once.

MONEY, TIME AND QUANTITY

QUIZ

HELP | SOUND

PAGE 21 of 30

PRACTICE

m.

After all the expenses are paid, how much money will be left?

- \$57.91
- \$378.96
- \$462.96
- \$700.01

Make sure you did not subtract any expense more than once.

A bank account for Sally's Sandwich Shop has a balance of \$2,398.66. The business has the following expenses: rent \$1,165.22, electricity \$84.00, supplies \$449.43 and taxes \$321.05. After all the expenses are paid, how much money will be left?

CALCULATOR



MENU | REPEAT | PREVIOUS | NEXT

KeyTrain

# ASSIGN BY...PROFILE...CERTIFICATE



## RELEVANCE AND MOTIVATION



Admin

### Assign Lessons Based on a Certificate Level

Current level for Justin Saylor: [None selected]

This option will assign lessons based on the Certificate Level you select to your assignment list. (Any current assignments will remain unchanged.)

- Bronze Certificate
- Silver Certificate
- Gold Certificate

Choose Certificate

Cancel



Logout

Occupational WorkKeys Profiles

Local Job Profiles

State: TN

Both

#### 2. Specify search criteria. (You may search by category or skill levels or both.)

Search Category

- Job Title (Keywords)
- Job Cluster  (Select a Holland job cluster.)
- Job Family
- Job Description (Keywords)
- Don't search by category



Administrator: Justin Saylor

### All Courses

Select the course in which you wish to assign lessons by clicking it.

Change Goals

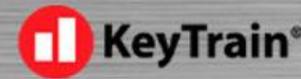
Assign by profile...

Assign by Certificate...

Justin Saylor's current profile: [None selected]

Courses	Status▼
Introduction to Keytrain	
Reading for Information	Assignment made
Applied Mathematics	Assignment made
Locating Information	Assignment made
Observation	Assignment made
Teamwork	Assignment made
Writing	Assignment made
Introduction to Applied Technology	Assignment made
Applied Technology - Electricity	Assignment made
Applied Technology - Fluid Dynamics	Assignment made
Applied Technology - Mechanics	Assignment made
Applied Technology - Thermodynamics	Assignment made
Beginning Language	Assignment made
Beginning Mathematics	Assignment made
Business Writing	Assignment made
Listening	Assignment made

# CAREER INFORMATION



Search Results - Microsoft Internet Explorer

Address: http://www.keytrain.com/profiles/resultslist.asp?searchset=national&locality=TN&searchcat=famil

keytrain.com home contact

Searching Occupational WorkKeysProfiles for best matches...

Open printer friendly version in new window  
Modify Search New Search Logout

**Search Results** Click a column heading to sort results by that column. Click on a Job Title to see more details. Click on a skill level number shown in the table for details on that skill. If you didn't find what you were looking for, you can modify your search by editing the filter fields below and clicking the filter button.

Title	Cluster	Family	applied math	applied technology	listening	locating information	observation	reading information	reasoning	writing
ASBESTOS REMOVAL WORKER	Technical	Construction & Maintenance	3	4	3	3	3	3	4	2
ASBESTOS REMOVAL WORKER	Technical	Construction & Maintenance	3	4	3	3	3	3	4	2
ASSEMBLER, SUBASSEMBLY (mfd. bldgs., vehicles, nec)	Technical	Construction & Maintenance	3	4	3	3	3	3	4	1
ASSEMBLER, SUBASSEMBLY (mfd. bldgs., vehicles, nec)	Technical	Construction & Maintenance	3	4	3	3	3	3	4	1
BOAT REPAIRER	Technical	Construction & Maintenance	4	4	4	4	4	4	4	3
BOATBUILDER, WOOD	Technical	Construction & Maintenance	3	3	3	3	3	3	4	3
BRICKLAYER, FIREBRICK AND REFRACTORY TILE	Technical	Construction & Maintenance	3					3		
BUILDING CLEANER	Technical	Construction & Maintenance	3	4	4	3	3	4	4	2
CARPENTER	Technical	Construction & Maintenance	4	4	4	4	4	4	4	3
CARPENTER APPRENTICE	Technical	Construction & Maintenance	4	4	3	3	3	3	3	3
CARPENTER II	Technical	Construction & Maintenance	4				4			
CARPENTER, MAINTENANCE	Technical	Construction & Maintenance	4	4	3	3	4	4	4	3
CEMENT MASON	Technical	Construction & Maintenance	3	3	4	3	3	3	3	3
CLEANER, COMMERCIAL OR INSTITUTIONAL	Technical	Construction & Maintenance	3	3	3	3	3	3	3	3
CLEANER, HOSPITAL	Technical	Construction & Maintenance	3	3	3	3	3	3	3	3
CLEANER, HOUSEKEEPING	Technical	Construction & Maintenance	3	3	3	3	3	3	3	3
CLEANER, INDUSTRIAL	Technical	Construction & Maintenance	3	3	4	3	4	4	4	2
CLEANER, LABORATORY EQUIPMENT	Technical	Construction & Maintenance	3	3	3	3	3	3	3	3
CONSTRUCTION WORKER I	Technical	Construction & Maintenance	4	4	3	3	4	4	4	3
CONSTRUCTION WORKER II	Technical	Construction & Maintenance	3	4	3	3	3	3	3	3

Page 1 of 3 (1-20 of 59 records) | Go to page: 1 2 3 | Next | [show 20] per page

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keytrain Student Tracking System

KeyTrain Profile Detail - Microsoft Internet Explorer

Address: http://www.keytrain.com/profiles/profdetail.asp?id=

MACHINIST, AUTOMOTIVE  
DOT Number: 600.280-034  
Cluster: Technical  
Family: Industrial Equipment Operation & Repair

**Description:**  
Sets up and operates variety of general or specialized metalworking machines to repair automotive engine parts or auxiliary units, such as transmission, differential, springs, or brakes, applying knowledge of mechanics, shop mathematics, metal properties, and grind procedures: Operates lathe to machine water-pump castings, piston heads, valves, and other automotive parts. Clamps piston in carriage of piston-grinding-and-turning machine to grind piston heads to fit cylinders. Adjusts grinding wheel to make cut of specified depth. Clamps valves in position on grinding wheel to grind seating surfaces of valves, moving levers to achieve required depth of cut. Operates boring machine to machine internal surfaces of cylinders in engine block. Cleans parts, before and after machining, in agitator-type cleaning tank to remove grease, rust stains, and foreign matters. Operates lathe, boring, or honing machine to refinish internal surfaces of bearings and connecting rods. Verifies dimensions, using measuring instruments, such as micrometers, calipers, and height gauges to ensure adherence to tolerance specifications. May grind metal surfaces of engine block or other parts, using portable or \$T3bench grinders.\$T1 May spray worn or gouged parts with molten aluminum, zinc, or other metal to build up parts [METAL SPRAYER, MACHINED PARTS (any industry)]. May examine parts for fractures, using magnaflux test equipment. May repair cracks in engine head and other vehicle parts with arc or gas welding equipment. May operate drum lathe to resurface brake drums. May repair and resurface leaf and coil springs, axles, king pins, bushings, and universal joints.

Skill Area	Average Skill Level	Minimum Skill Level	Maximum Skill Level	Number of Profiles
Applied Mathematics	3	3	3	2
Reading for Information	3	3	3	2
Locating Information	4	3	4	2
Applied Technology	3	3	3	1
Writing				
Listening				
Teamwork	5	5	5	2
Observation	4	4	4	2

GED Reasoning Level: 4  
GED Math Level: 3  
GED Language Level: 3  
Physical Strength Requirement: M  
Specific Vocational Preparation Level: 7

O\*Net Cross-Reference

O*Net Number	Job Title
51-4041.00	Machinists

KeyTrain Student Tracking System

# Course Analysis Report



Easily identify skills gaps

## KeyTrain Course Analysis Report

Organization: School B

Class: Class 101

Date: 3/6/2007

Time: 10:44:18AM

### Applied Mathematics

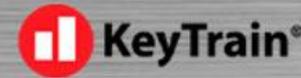
Name	ID	PT	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Current Level	Increased	Time
MATT COLES	COLESM				88/1					3		7:18:46
GREG BARTON	BARTONG				100/1	87/2				4		13:13:38
NICK STEINHOLZ	STEINHOLZN				100/1	87/2				4		7:02:38
JOE LEOWS	LEOWSJ				100/1	100/1				4		10:39:18
JOHN WILL	WILLJ											5:36:33
GEORGE HICKS	HICKSG											2:09:51
<b>Total 6 students</b>												46:01:44
# Quiz attempts		0	0	4	5	0	0	0				
# Quizzes passed		0	0	4	3	0	0	0				
# Quizzes failed		0	0	0	2	0	0	0				
Average		0.0		97	91							

# KeyTrain Career Skills



- KeyTrain Career Skills is an interactive set of 200 lessons
- Field-tested curriculum
- Skills identified by employers as those most needed by employees to be successful
- Short true/false quiz at the end of each lesson
- Major topic areas:
  - Work Habits, Communication Skills, Workplace Effectiveness, Business Etiquette, The Job Search

# KeyTrain Career Skills



http://demo.keytrain.com - Thinking Media - Microsoft Internet Explorer

WORK HABITS - WORKPLACE ETHICS - DEMONSTRATING GOOD WORK ETHIC

OVERVIEW LEARNING PRACTICE HELP

PAGE 1 of 25

### DEMONSTRATING GOOD WORK ETHIC

This lesson will give you several tips that will help you to demonstrate good work ethic.

What is "good work ethic?" When you show good work ethic, you are demonstrating that you do your work according to a set of principles. These principles should show that you know right from wrong. If you show good ethic, then you do what is right for your employer, your customers and yourself.

This is one of the things that is most valued by employers. Employers want to see that you know what is right, and that you are willing to do what is right. If you show good work ethic, then your employer will value and reward you for the good work that you do.



KeyTrain CAREER SKILLS

Done Internet

MENU | REPEAT | PREVIOUS | NEXT

http://demo.keytrain.com - Thinking Media - Microsoft Internet Explorer

WORK HABITS - WORKPLACE ETHICS

### WELCOME TO WORK HABITS - WORKPLACE ETHICS

Click on a topic below to begin this lesson.

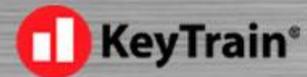
- [Demonstrating Good Work Ethic](#)
- [Behaving Appropriately](#)
- [Showing Honesty](#)
- [Playing Fair](#)
- [Using Ethical Language](#)
- [Showing Responsibility](#)
- [Harassment and Intimidation](#)
- [Respecting Diversity](#)
- [Developing Habit of Truthfulness](#)
- [Leaving a Job Ethically](#)

EXIT

KeyTrain CAREER SKILLS

Done Internet

# Quick Guide and Self Enrollment



Username:

Password:

**Login**

[Forgot password?](#)

**Welcome to KeyTrain!**

If you do not already have a KeyTrain account, please enter your name, and a username and password you will use for your KeyTrain account, then click **Sign Up**.

## Get started now!

Organization: Saylor

Full Name:

Username:

Student ID:   
*optional*

Password:

Enter password twice

Email Address:   
*optional*

**Sign Up**

## QUICK GUIDE PRETEST - PRETEST

PAGE 2

HELP | SOUND

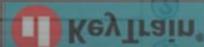
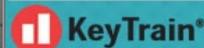
Read the passage and select the best answer to the question.

In the event of a fire, what should you do before calling the fire department?

- Close the windows
- Check for members of your department
- Leave the building
- Pull the alarm

In the event of a fire, pull the alarm to alert persons in the area. Next, immediately phone the fire department. If time permits, close doors and windows to contain the fire. Check to see if all members of your department are safe.

EXIT | REPEAT | PREVIOUS | NEXT



EXIT | REPEAT | PREVIOUS | NEXT



# Results

# Case Studies



Steelscape was presented with *The Psychologically Healthy Workplace Award: Best Practices* for their hiring practices.

WorkKeys and KeyTrain – the foundation of this “top ten” best practice!

## Award:

- Presented by American Psychological Association.
- Recognizes companies for innovative programs and policies that stand out for their facilitation of a psychologically healthy workplace.

## Practice:

- Team-centered hiring process.
- Positions profiled to determine skill requirements.
- WorkKeys assessments for screening.
- KeyTrain to improve skills and qualify.

## Results:

- Hire only “the best of the best.”
- New employees have been a good fit.
- Employee turnover rate is 1.6 percent.
- OSHA recordable rate of only 2.3 incidents per 200,000 work hours.

*“The employees we select using WorkKeys are superstars, and we're very satisfied with their performance and interpersonal skills”* Kim Cheatley, Human Resources Manager.

## Siemens Upgrading skills to meet demands for high tech manufacturing

*“KeyTrain provides a vehicle for progression in a self-study program and allows employees to advance through to higher paying jobs at their own speed.”*

Walt Tillman, Operations Training Team Leader

## Challenges:

- Expanding business
- Increasing technology in manufacturing process

## Actions:

- Partnered with Peninsula Workforce Development Center
- Implemented WorkKeys Employment System for hiring and promotions
- Profiled production line jobs
- Assessed production line staff
- Identified skill weaknesses in Applied Technology and Locating Information
- Motivated incumbent employees to improve skills
- Provided KeyTrain lab to build skills

## Results:

- Turnover during probationary period reduced to <3%
- Absenteeism reduced by 30%
- First pass yield (productivity) increased by 8%
- Defect rate decreased by 170%

# Results

## For Employers



- Georgia Power – Plant Hatch uses KeyTrain to prepare entry-level operators for success in initial training program.
- Standridge Color

*A common myth is prevalent that businesses only need applicants with good work ethic. I need someone who can do math. With KeyTrain, applicants can meet the skill requirements to be successful in our plant, and by hiring employees with the right skills we can reduce errors and improve the company's bottom line.*

*Jimmy Hogg, Standridge Color Corporation*

- Quality Retail (formerly Covidien)
  - Macon Plant: Increased Technician Skill levels
  - Focused training initiatives
  - Improved training results
  - The first GA Work Ready Business

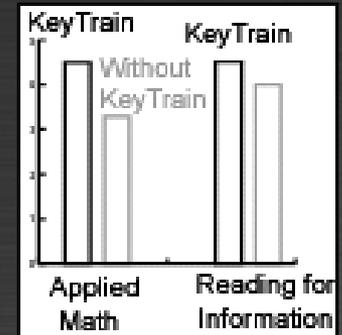
# Results



## Chicago Public Schools - PSAE

### KeyTrain was implemented in over 100 high schools.

- Students who completed at least one level in KeyTrain =
  - One full level higher on WorkKeys Applied Mathematics on average.
  - One half level higher on WorkKeys Reading for Information on average.  
(Sample size > 1100 per group, less than 5 hours KeyTrain use per skill.)
- More than 130,000 students have been enrolled in KeyTrain at CPS, and over 430,000 contact hours have been logged.
- The effect of KeyTrain is significant at a confidence level of over 99%.



# Results



## Georgia High School Graduation Test



### GHSGT Math

Population	% KeyTrain Users Passing	% Non-KeyTrain Users Passing
At-Risk	<b>94%</b>	57%
African American	<b>93%</b>	59%
Special Education	<b>90%</b>	27%
Low Socio-Economic	<b>93%</b>	36%

n=52, p<0.05

### GHSGT English/Language Arts

Population	% KeyTrain Users Passing	% Non-KeyTrain Users Passing
At-Risk	<b>96%</b>	76%
African American	<b>93%</b>	77%
Special Education	<b>94%</b>	50%
Low Socio-Economic	<b>97%</b>	65%

n=50, p<0.05

# Results



- Over **90%** of at-risk students that used KeyTrain passed the Georgia High School Graduation Test.
- The ultimate impact is increased student achievement, that produced higher scores on the GHSGT and helps schools meet AYP!!!!

# Results

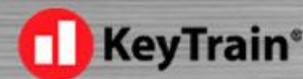


## **Tidewater CC and Norfolk PS – Best Key Program**

**KeyTrain is the primary tool for helping students prepare the GED**

- First attempt success rate on the GED has been 89 - 94%.
- Nearly 400 students completed their GED and have been placed in jobs, the military or college.
- A 100% success and placement rate was recorded in a recent class of more than 100 students.

# Results



## Central New Mexico Community College Retention



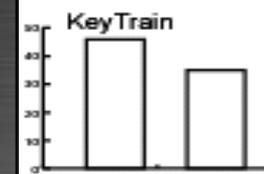
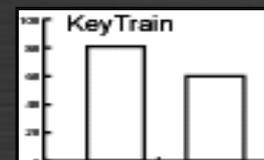
- English 98 + KeyTrain: 81% course retention
- English 98 alone: 60% course retention

## WorkKeys Reading for Information

- English 98 + KeyTrain: 78% scored Level 4 or higher
- English 98 alone: 57% scored Level 4 or higher

## Pre vs. Post Accuplacer Scores

- English 98 + KeyTrain: 46% increased Accuplacer performance
- English 98 alone: 35% increased Accuplacer performance





## Career/Tech Education - Oklahoma

- With some usage of KeyTrain remediation 78% increased at least one level
- For all three tests:
  - 6.3% at Level 3
  - 40% at Level 4
  - 30% at Level 5
  - 20% at Level 6
  - 3.8% at Level 7
- 94% at Level 4 or above
- 50% at Level 5 or above



# Results

## Columbus Technical College COMPASS and ASSET



Students reaching Level 4 in KeyTrain Applied Mathematics, scored:

- 34-38 on Compass Pre-algebra
- 38 on Asset Numerical Skills



Students reaching Level 3 in KeyTrain Applied Mathematics, scored:

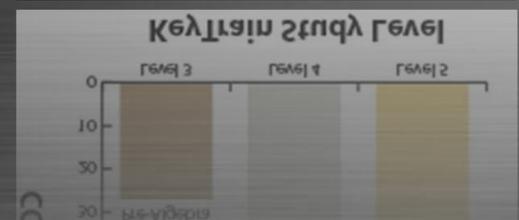
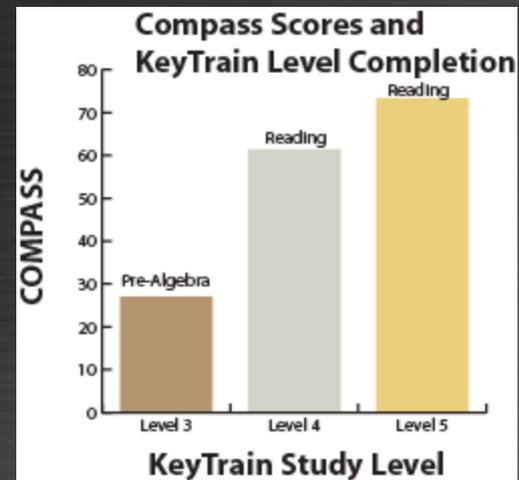
- 23-25 on Compass Pre-algebra
- 34 on Asset Numerical Skills

Students reaching Level 5 in KeyTrain Reading for Information, scored:

- 68-71 on Compass Reading
- 38 on Asset

Students reaching Level 4 in KeyTrain Reading for Information, scored:

- 59-61 on Compass Reading
- 35 on Asset Reading



# KeyTrain



- Not just the most effective curriculum... a learning tool designed to:
  - Motivate
  - Create relevance
  - Engage students
  - Diagnose
  - Measure progress
  - Teach critical thinking
- Most used curriculum
- RESULTS: Documented skills gains
- The Partner of Choice: 17 of the top 20 states with NCRC/CRC programs
- Proven to increase performance not only on WorkKeys but other assessments.
- Customer-driven, focused on curriculum and continuous improvement of KeyTrain – not on unrelated products



# KeyTrain

