



Alaska Career Ready Initiative

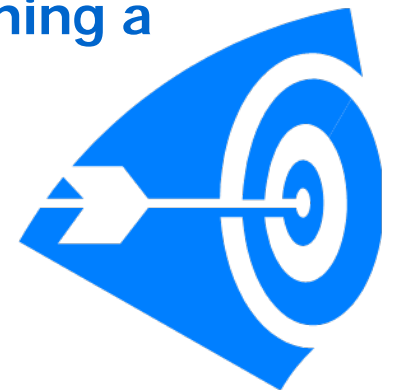
Report to the
Alaska Workforce Investment Board
February 11, 2008



Alaska Career Ready Program Goals

Provide to students and adults:

1. Career information--what foundational academic skills are required for various careers
2. Assessments to measure their skill levels
3. Instruction to enhance those skills
4. Opportunity to document their skills by earning a "Career Readiness Certificate"



Education Regulations

Effective School Year 2009-2010

1. 6th & 8th graders—3 Placement Tests

- Applied Math
- Reading for Information
- Locating Information



2. 11th graders—3 Assessments

- Applied Math
- Reading for Information
- Locating Information



Between adoption date and effective date, EED will pilot the Career Ready program in several schools and districts.

WIN Instructional Courseware

All courseware available to all schools and Job Centers

Placement tests required at 6th & 8th beginning 2009-2010



Applied Mathematics
(Levels 1-7)



Reading for Information
(Levels 1-7)



Locating Information
(Levels 1-6)



Applied Technology
(Levels 1-6)



Observation
(Levels 1-6)



Writing and Business Writing
(Levels 1-5)



Teamwork
(Levels 1-6)



Listening
(Levels 1-5)



Work Habits (not assessed by WorkKeys®)

- interpersonal interaction
- listening and speaking
- cooperation and respect
- self management
- resource management
- time management
- quality management
- problem solving

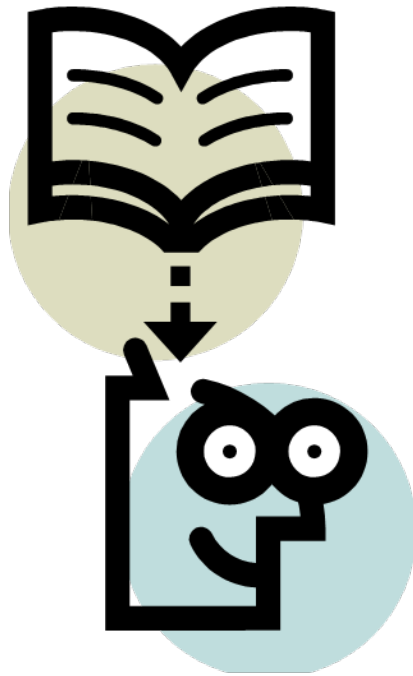
ACT WorkKeys® Skills and Levels

Required
at 11th
grade
beginning
2009-2010

APPLIED MATHEMATICS	1	2	*3	*4	*5	*6	*7	8	9
READING FOR INFORMATION	1	2	*3	*4	*5	*6	*7	8	9
LOCATING INFORMATION	1	2	*3	*4	*5	*6	7	8	9
APPLIED TECHNOLOGY	1	2	3	4	5	6	7	8	9
TEAMWORK	1	2	3	4	5	6	7	8	9
OBSERVATION	1	2	3	4	5	6	7	8	9
LISTENING	1	2	3	4	5	6	7	8	9
WRITING	1	2	3	4	5	6	7	8	9
BUSINESS WRITING	1	2	3	4	5	6	7	8	9

WorkKeys® 1 2 3 4 5 6 7 8 9

Pilot Districts



1. Anchorage
2. Kenai
3. Mt. Edgecumbe
4. Sitka
5. Delta-Greely
6. Lower Kuskokwim

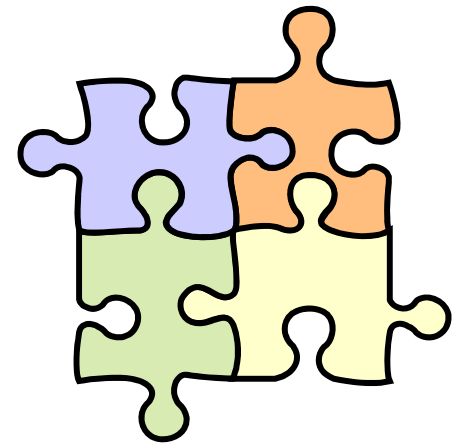
Pilot Goals/Timeline

Goals:

1. Demonstrate viability of administering WIN at 6th & 8th grades and WorkKeys® at 11th grade, as required by regulation
2. Determine and resolve technical issues
3. Develop programmatic ideas/models for integration with existing curriculum

Timeline:

1. Pilots Identified — January
2. Pilot staff trained — February
3. Pilots administer WorkKeys® (11th) or WIN (6th & 8th) — March – April
4. Pilots submit reports/evaluations to EED—April – May



Business/Community/Education Outreach Efforts

- Alaska Association of School Boards
- Anchorage School-Business Partnership
- Alaska Home Building Association
- EED State Education Conference
- DOLWD/EED-Sponsored Employer Meetings
- UA Campus Directors' Meeting



Career Information Resources

- **WorkKeys® Occupational Profiles**

Civil Engineering Technicians 17-3022.00	AM	AT	L	LI	OB	RI	TW	W
	5			5		6	4	

- **WIN Careers Website**

<http://www.wincareers.com>

(login—wincareers, password—akak)



- **Alaska Career Information System**

<http://www.akcis.org>

- free to all schools!
- includes WorkKeys® scores



- **ALEXsys**

<http://alexsys.labor.state.ak.us>

- free site for job-seekers (AKDOLWD)



Earnings = Motivation

ONET Code	ONET Title	AM	LI	RI	US Median	AK Median
37-2012.00	Maids & Housekeeping Cleaners	3	3	3	\$17,600	\$21,300
53-7051.00	Industrial Truck & Tractor Operators	3	3	3	\$27,300	\$33,900
43-5041.00	Meter Readers, Utilities	3	4	3	\$30,300	\$37,700
51-5023.09	Printing Press Machine Operators & Tenders	3	4	4	\$31,000	\$41,300
33-3012.00	Correctional Officers & Jailers	3	4	4	\$35,800	\$45,300
49-9021.02	Refrigeration Mechanics	4	4	4	\$37,700	\$54,700
33-2011.01	Municipal Fire Fighters	4	4	4	\$41,200	\$29,500
23-2011.00	Paralegals & Legal Assistants	4	4	5	\$43,000	\$44,400
33-3051.01	Police Patrol Officers	4	4	5	\$47,500	\$56,100
25-4021.00	Librarians	5	4	5	\$49,100	\$54,000
11-9151.00	Social & Community Service Managers	5	4	5	\$52,100	\$45,300
17-3023.01	Electronic Engineering Technicians	5	5	5	\$50,600	\$63,700
47-1011.01	First-Line Supervisors—Construction Trades	5	5	5	\$53,900	\$72,800
13-2011.01	Accountants	6	5	5	\$54,600	\$54,100
11-9021.00	Construction Managers	6	5	5	\$73,700	\$79,900



WorkKeys® Business Results

- Utility company **MidAmerican Energy**
reduces employee turnover by 83%.
- Defense contractor **Northrop-Grumman**
saves \$2 million in employee training costs
- **Owensboro Medical Health System**
reduces employee turnover by 1/3
- **Bradner Village** health care center and retirement community
reduces training costs by 96%
- **CME Automotive**
reduces employee turnover by 14%

<http://www.act.org/workkeys/case/index.html>



ALASKA CAREER READY

The State of Alaska recognizes

Jonnie Q. Public

is awarded the Gold Credential
for having demonstrated career readiness in
Applied Mathematics, Locating Information and Reading for Information.

November 12, 2007

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ALASKA
CAREER  READY



Sarah Palin, Governor
State of Alaska

Expires November 12, 2008



The following skills have been demonstrated by the holder of this certificate based on WorkKeys, a national workforce development system that provides a direct comparison of the skills an individual possesses with the skills needed to perform a job.

APPLIED MATH 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 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

READING FOR INFORMATION LEVEL 5

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

LOCATING INFORMATION LEVEL 5

- Sort through distracting information
- Summarize information from one or more detailed graphics
- Identify trends shown in one or more detailed or complicated graphics
- Compare information and trends from one or more complicated graphics



ALASKA DEPARTMENT OF LABOR
& WORKFORCE DEVELOPMENT



For more information, please visit www.alaskaready.gov

WorkKeys



The CRC Consortium

CRC deployed (15):

- Alabama
- Florida
- Georgia
- Indiana
- Kentucky
- Louisiana
- Michigan
- Mississippi
- Missouri
- New Mexico
- North Carolina
- Oklahoma
- South Carolina
- Tennessee
- Virginia

CRC in progress (18):

- Alaska
- Arizona
- Arkansas
- Colorado
- Iowa
- Kansas
- Massachusetts
- Nevada
- New York
- North Dakota
- Ohio
- Oregon
- Pennsylvania
- Texas
- Vermont
- Washington
- West Virginia
- Wyoming

Interested in CRC (12):

- California
- Delaware
- District of Columbia
- Idaho
- Illinois
- Maryland
- Minnesota
- Montana
- Nebraska
- New Jersey
- Rhode Island
- Utah

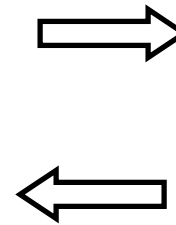
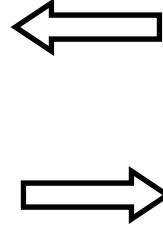
Over 115,000 CRCs have been issued nationwide.

These numbers are current as of November 17, 2007.

Common Language

Students &
Job Seekers

Business



Education



**WorkKeys® and the Career Readiness Certificate:
the common language
between business and education.**



**Alaska
Career
Ready**

Ready for
next
steps . . .



**Ready
to**

Earn!

Learn!

**Career
Readiness
Certificate**



**CRC:
Bronze (3)
Silver (4)
Gold (5)**

WorkKeys®



**Assesses
Career
Readiness in
AM, RI, LI.**

**WIN
Courseware**

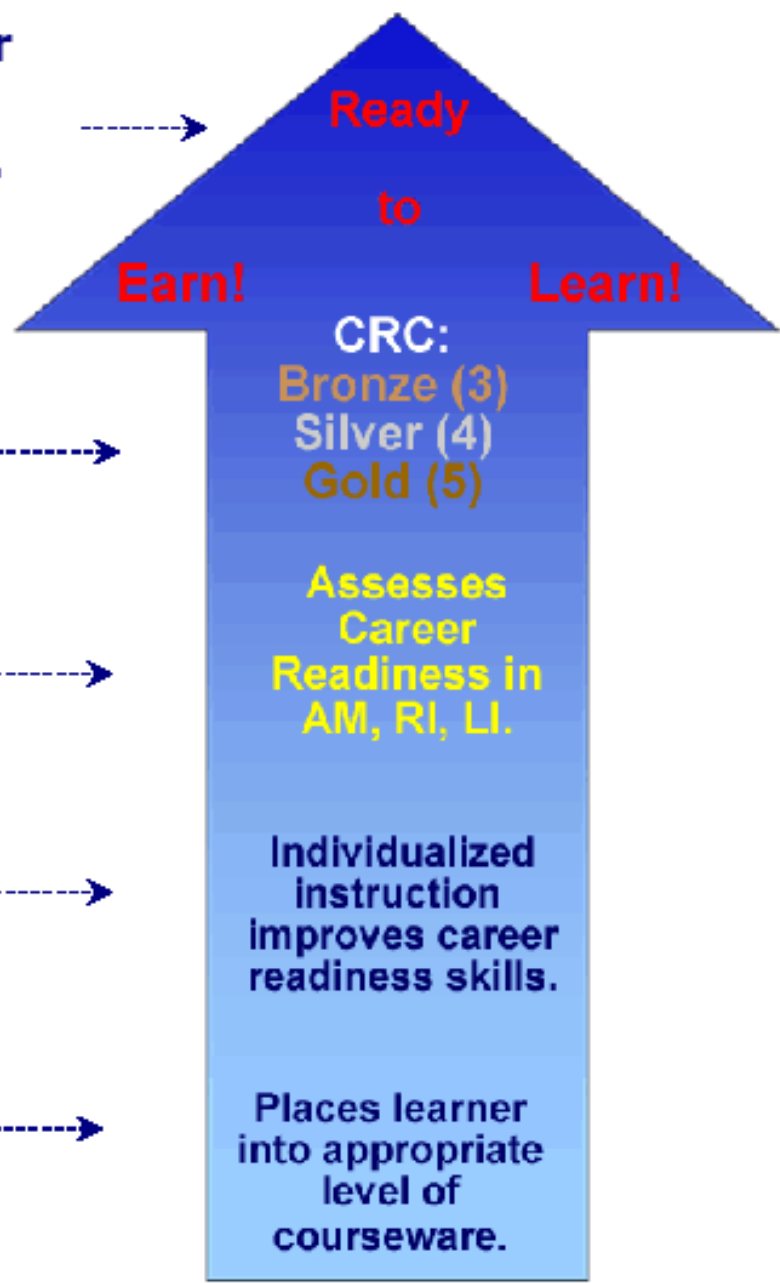


**Individualized
instruction
improves career
readiness skills.**

**WIN Pre-
Assessment**



**Places learner
into appropriate
level of
courseware.**





ALASKA
CAREER★READY

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<http://www.eed.state.ak.us/tls/cte/workready.html>

