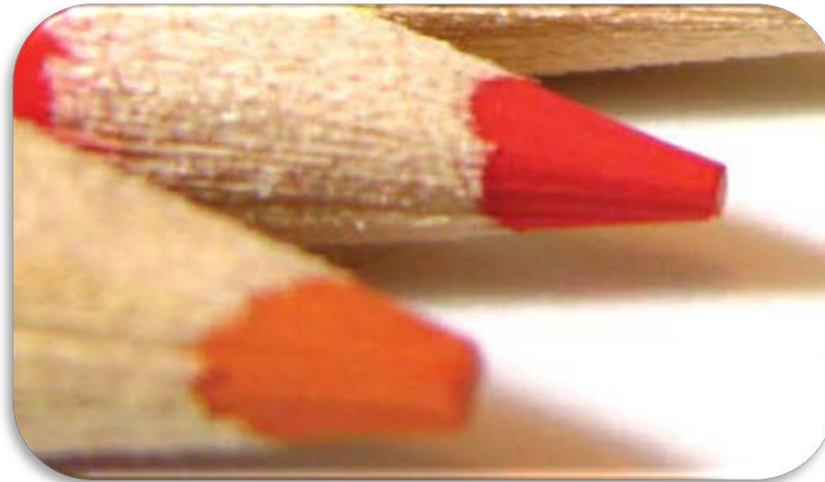


# **EQUITABLE INSTRUCTIONAL STRATEGIES FOR IMPROVING CTE SPECIAL POPULATION OUTCOMES**



**National Alliance for Partnerships in Equity  
Professional Development Institute**

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# Equitable Instructional Strategies

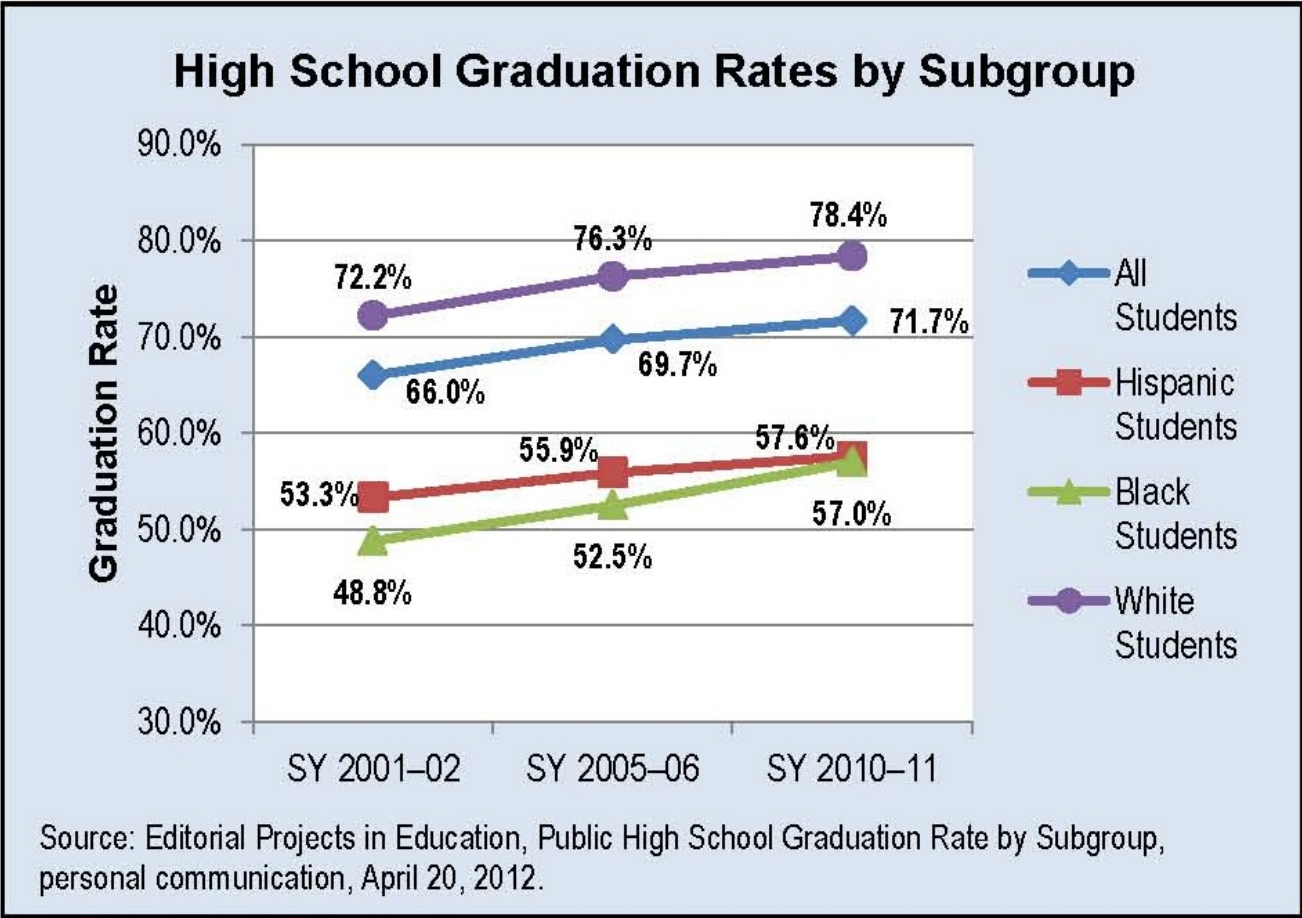
The urgency of the matter...

# Equitable Instructional Strategies

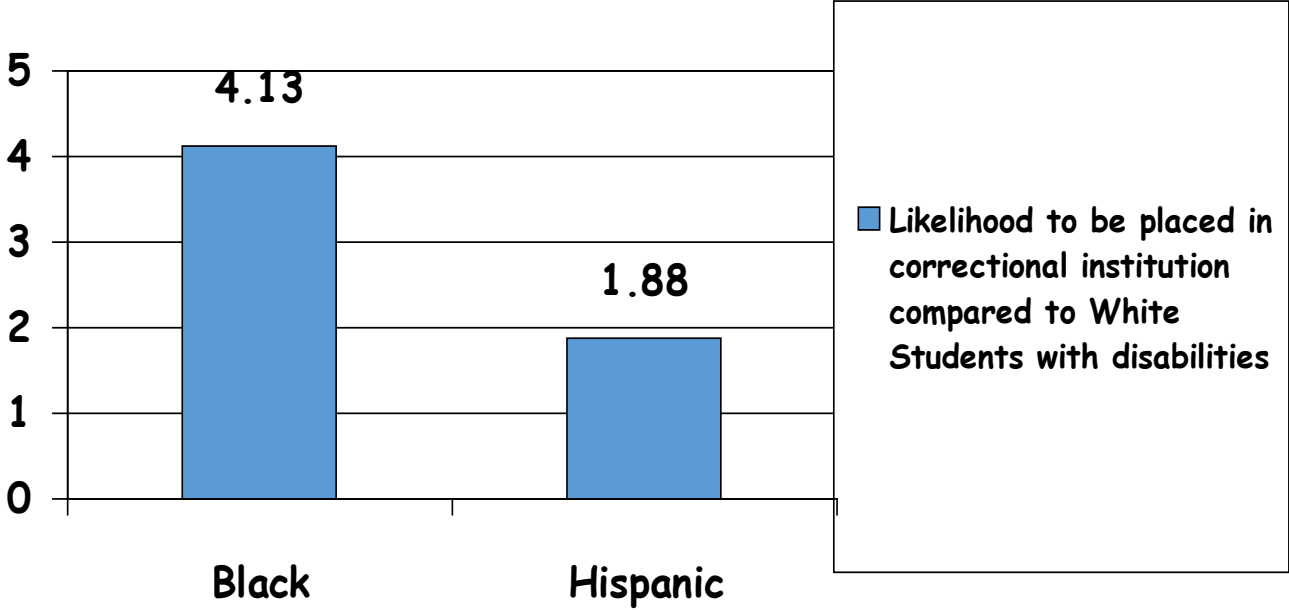
Improving outcomes for all students, particularly special populations, is at the top of the American educational agenda. Many factors are attributable to this sense of urgency.

- Graduation Rates
- Disproportionality
- Achievement Gap
- Global Competition

# Equitable Instructional Strategies

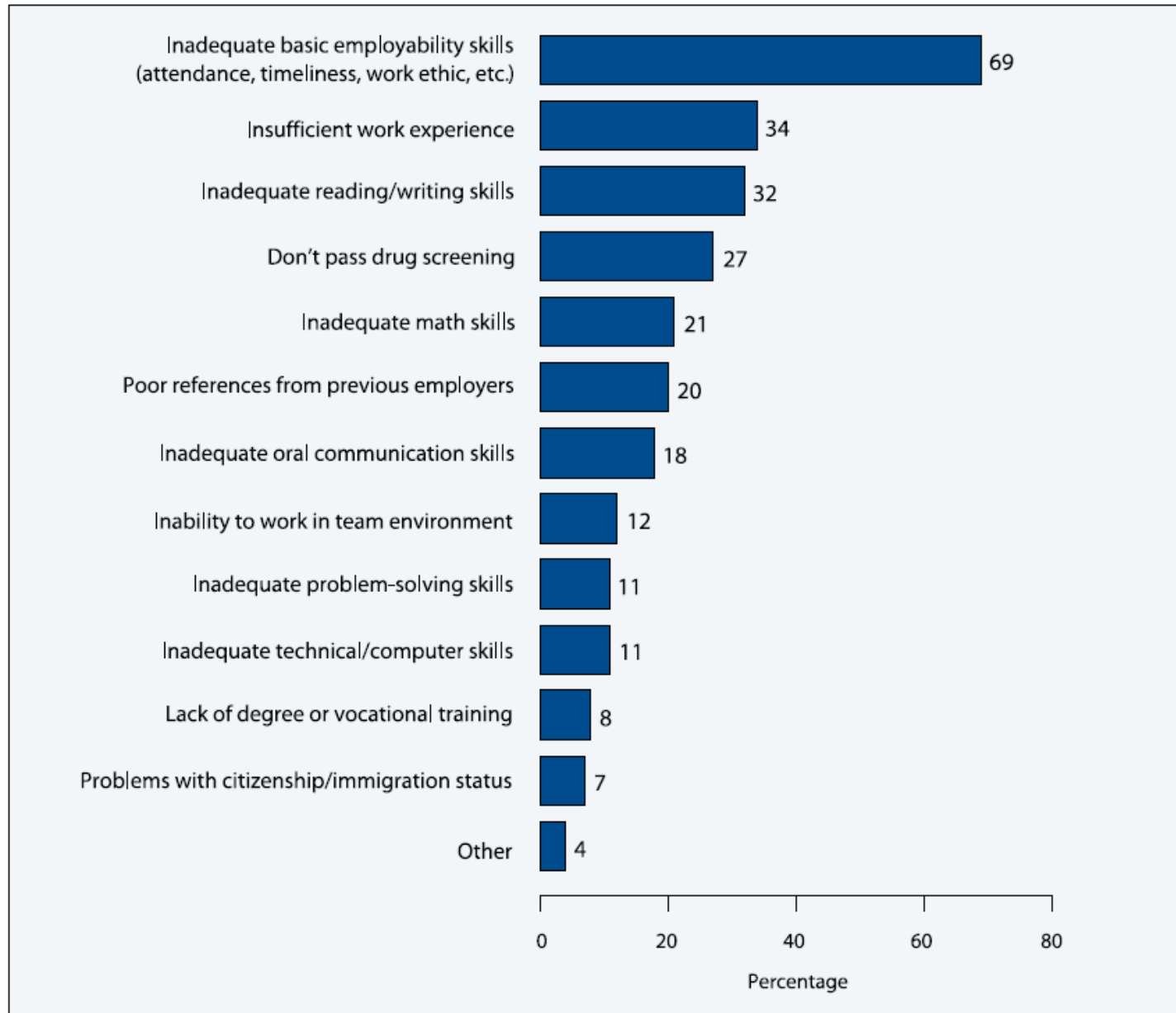


# PLACEMENT IN CORRECTIONAL INSTITUTIONS (Students with Disabilities)



*USDOE, 2013*

## Most Common Reasons Companies Reject Applicants as Hourly Production Workers



Source: National Association of Manufacturers, 2001.

# **Equitable Instructional Strategies**

**In New Jersey...**

# Equitable Instructional Strategies

The central goal of the New Jersey Department of Education is to ensure that **all** children, regardless of **life circumstances**, graduate from high school ready for **college and career**.



# Equitable Instructional Strategies

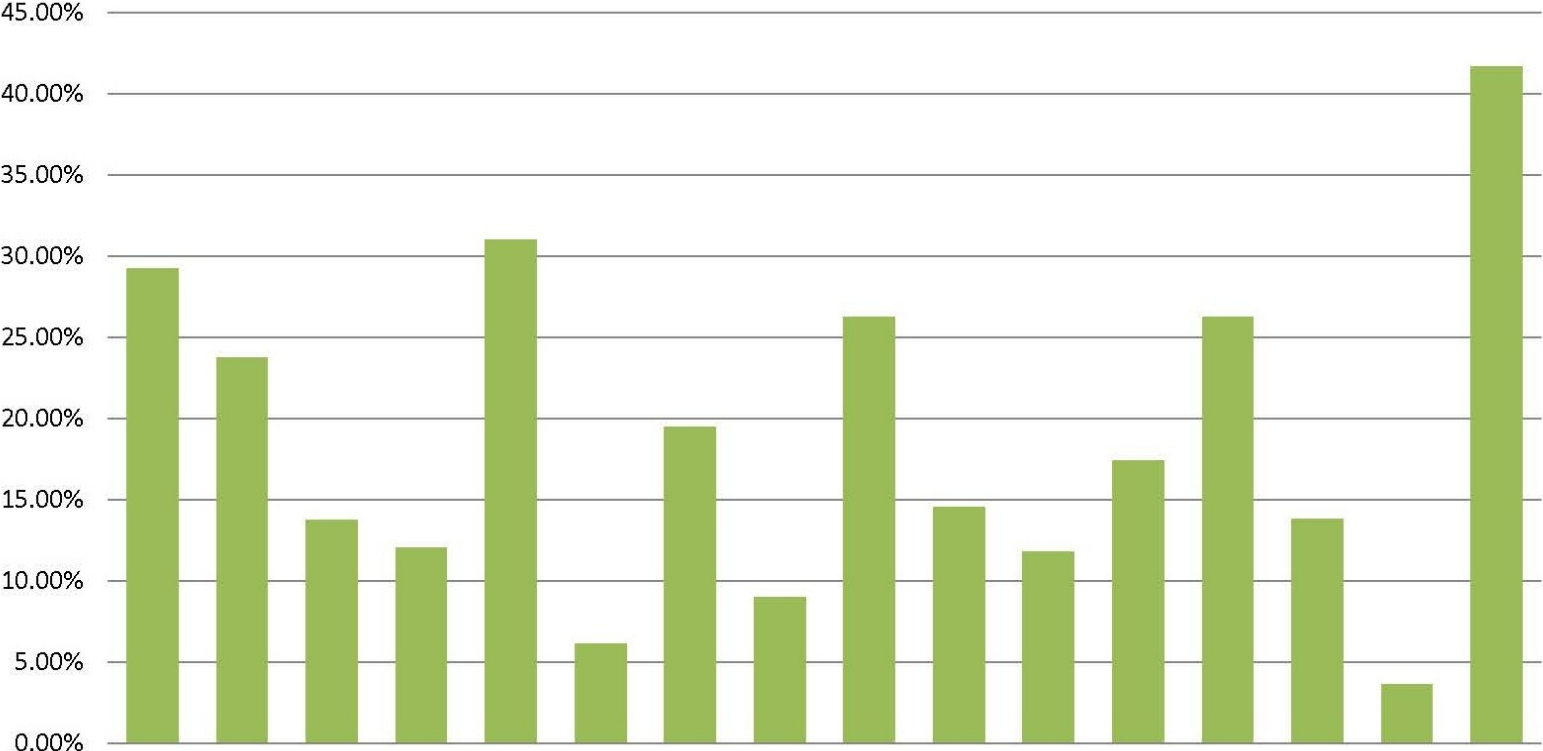
NJ is an overall high-performing state, yet...

# NJ Achievement Gap

## Graduation rates by cohort, year and subgroup

	2011, 4-year	2012, 4-year	2013, 4-year
<b>Statewide</b>	<b>83.3%</b>	<b>86.5%</b>	<b>87.5%</b>
Limited English Proficient	67.5%	73.1%	70.5%
Special Education	73.2%	74.5%	75.9%
Economically Disadvantaged	71.0%	75.3%	77.1%
Non-Econ Disadvantaged	87.4%	90.6%	91.8%
African American	68.9%	74.6%	76.4%
Asian	92.7%	95.3%	95.9%
Hispanic	73.2%	76.7%	78.6%
White	90.3%	92.6%	93.1%

# STUDENTS WITH DISABILITIES ENROLLMENT BY CLUSTER



AGRICULTURE, FOOD & NATURAL RESOURCES, (2,232\*)  
 ARCHITECTURE & CONSTRUCTION, (8,679\*)  
 ARTS, AV TECHNOLOGY & COMMUNICATIONS, (18,769\*)  
 BUSINESS MANAGEMENT & ADMINISTRATION, (27,355\*)  
 EDUCATION & TRAINING, (58\*)  
 FINANCE, (1,075\*)  
 GOVERNMENT, (483\*)  
 HEALTH SCIENCE, (4,642\*)  
 HOSPITALITY & TOURISM, (6,965\*)  
 HUMAN SERVICES, (5,527\*)  
 INFORMATION TECHNOLOGY, (4,533\*)  
 LAW, PUBLIC SAFETY & SECURITY, (1,531\*)  
 MANUFACTURING, (2,437\*)  
 MARKETING, (6,728\*)  
 STEM, (3,477\*)  
 TRANSPORTATION, DISTRIBUTION & LOGISTICS, (3,063\*)

\*Number represents total student enrollment in the cluster.

# Equitable Instructional Strategies

A few strategies for improving CTE student outcomes

# Equitable Instructional Strategies

## KNOW HOW YOUR STUDENTS PERCEIVE YOU

“All teachers must be willing to interrogate the ways in which middle-class norms shape their “presentation of self” in the classroom since such values impact the teaching-learning process.”

Kathy-Anne Jordan, Discourses of Difference, The Journal of African American History; Winter 2005

**Activity:** Dr. Phil’s Personality Test

# Equitable Instructional Strategies

## MAKE YOUR CLASSROOM CULTURALLY RESPONSIVE

“When teachers and students come from different cultural backgrounds, planned efforts to cross social borders and develop caring, respectful relationships are essential.”

- Conduct cultural self-assessments.
- Become a guardian of equity and access.
- Value the diversity of your students.
- Adjust practices and attitudes to meet the changing demographics of your classroom.

Weinstein, Curran, Clarke (2003), Culturally Responsive Classroom Management: Awareness Into Action, Ohio State University.

- Activities:
1. Complete a multicultural checklist.
  2. With a partner, match Chinese & American idioms.

# Equitable Instructional Strategies

## KNOW THE LEARNING STYLES OF YOUR STUDENTS (AND YOURSELF)

All students should be presented with instructional choices that are conducive to their learning styles. This is particularly important for struggling and gifted learners because instruction aligned with their learning styles allows them to develop required skills and showcase talents simultaneously.

One way to determine learning styles is by administering a multiple intelligences test.

**Activity:** Complete a multiple intelligences test.

# Equitable Instructional Strategies

## MEET & GREET YOUR STUDENTS AT THE DOOR

**AND HAVE A 5-10 min. “DO NOW” POSTED WHEN STUDENTS ENTER.**

### Do Now (5 - 10 minutes)

Students complete a journal topic, problem of the day, anticipatory set, etc. upon entering the room. The “do now” is always directly related to the lesson, requires no instruction from the teacher, and meets the academic level of every student in the class.

The purpose of this routine is to immediately engage all students, activate prior knowledge, whet appetites, and bait the hook in preparation for the lesson.

See research article entitled *How to Start Class Every Day* In your folder.



# Equitable Instructional Strategies

## Tiered Do Now Example

### UNITED NATIONS

Please choose one of the following activities and begin work immediately.

- **Vocabulary** - in your journal write down things that come to mind when you see/hear the word “united.”
- **Quotation** - in your journal provide your own interpretation for the quotation, “united we stand, divided we fall.”
- **K-W-L** - using the KWL worksheet explain what you know and would like to know about the United Nations. Leave the “L” column blank for now.

# Equitable Instructional Strategies

## Do Now Activity

Work with a partner to complete the following “do now.”

Place three plus (+) signs and one minus (-) sign between the numbers so that the answer is 100. Do not change the order of the numbers.

**9 8 7 6 5 4 3 2 1**

What might be a directly related lesson?

# Equitable Instructional Strategies

## ADDITIONAL STRATEGIES THAT INCREASE STUDENT ENGAGEMENT AND IMPROVE STUDENT OUTCOMES

- Infuse Career Ready Practices into lessons (copy in your folder).
- Add humor to your presentation, where appropriate, i.e., sing, laugh, wear costumes, etc.
- Include some of your own funny childhood experiences in your lectures.
- Use videos, DVDs, computer technology, etc. to engage students.
- Include popular game show strategies in your lessons, i.e., Jeopardy, To Tell the Truth, Family Feud, etc.
- Integrate popular culture into your lessons.
- Make use of community resources as guest speakers, testimonials, career discussions, etc.
- Encourage in-class team activities, i.e., debates, speed games, role plays, etc.

# Equitable Instructional Strategies

## DEBRIEFING/Q&A

This completes our session for today. Let's take a few minutes to discuss strategies from this presentation that may be implemented in your school/classroom immediately or in the future.

Questions can also be addressed at this time.

# Equitable Instructional Strategies

Thank you for your participation, please complete the evaluation that is in your folder.