

What is Success?

CAP's First 10 Years and Beyond

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with

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Overview

- Democratic ideals and the pipeline problem
- Bridging Multiple Worlds
- Cabrillo Advancement Program (CAP)

Phase I: 1991 - 1995

Graduates compared to education levels in county

Phase 2: CAP-UCSC partnership 1995 - present

Student career goals compared to education levels in county

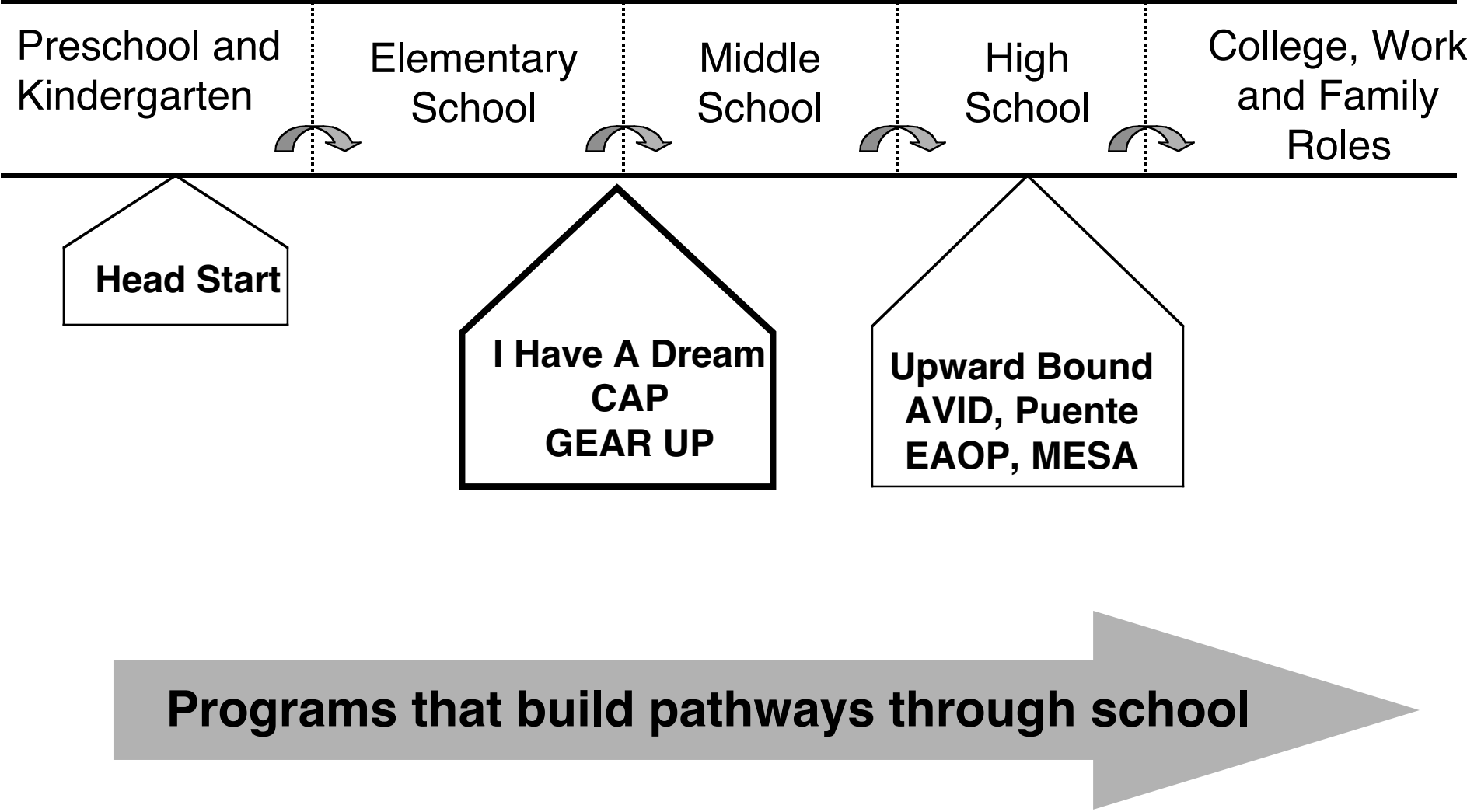
Pathways to Algebra and beyond

Phase 3: Toolkit: "It's All About Choices"

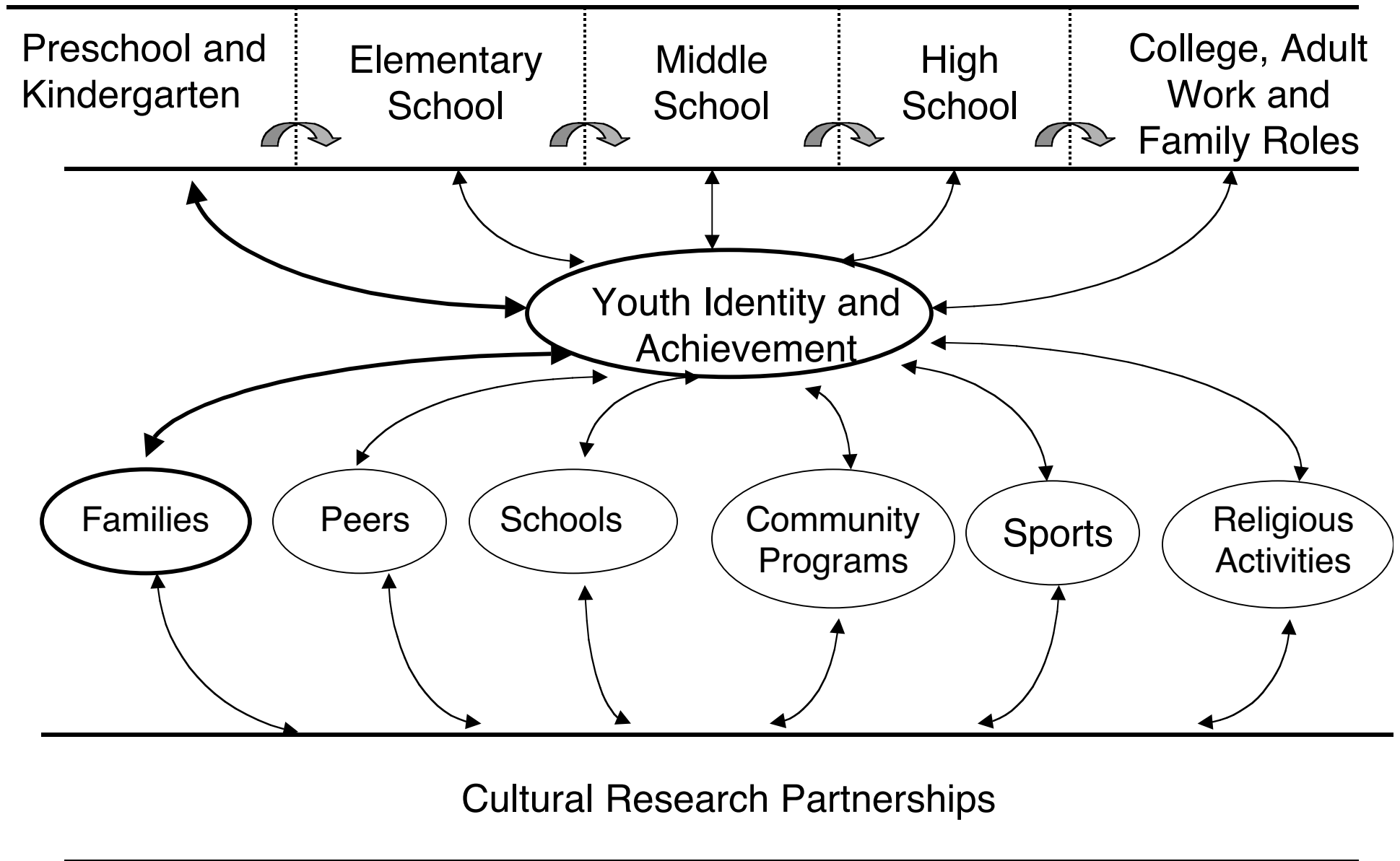
Research Partnership: CAP-GEAR UP-EAOP-Puente-UCSC

- Is CAP a blueprint? What is success?

Democratic Ideals and the Pipeline Problem



Bridging Multiple Worlds Model



Bridging Multiple Worlds Model: 5 factors

- Demographic portraits: ethnicity, home languages, literacy
- College and career dreams across generations
- Math and language pathways to college and careers
- Challenges and resources across families, peers, schools, and communities
- Cultural research partnerships

Cabrillo Advancement Program (CAP) Model



Selection at 6th Grade for
\$1000 Scholarship

Parent orientation >

Awards ceremony >

Counseling >

Tutoring >

Summer Institutes >

Saturday academies >

Field trips >

UCSC research partnership >

Eligible for \$1000 Scholarship

Parent meetings

CAP Student Council

Academic Student Services

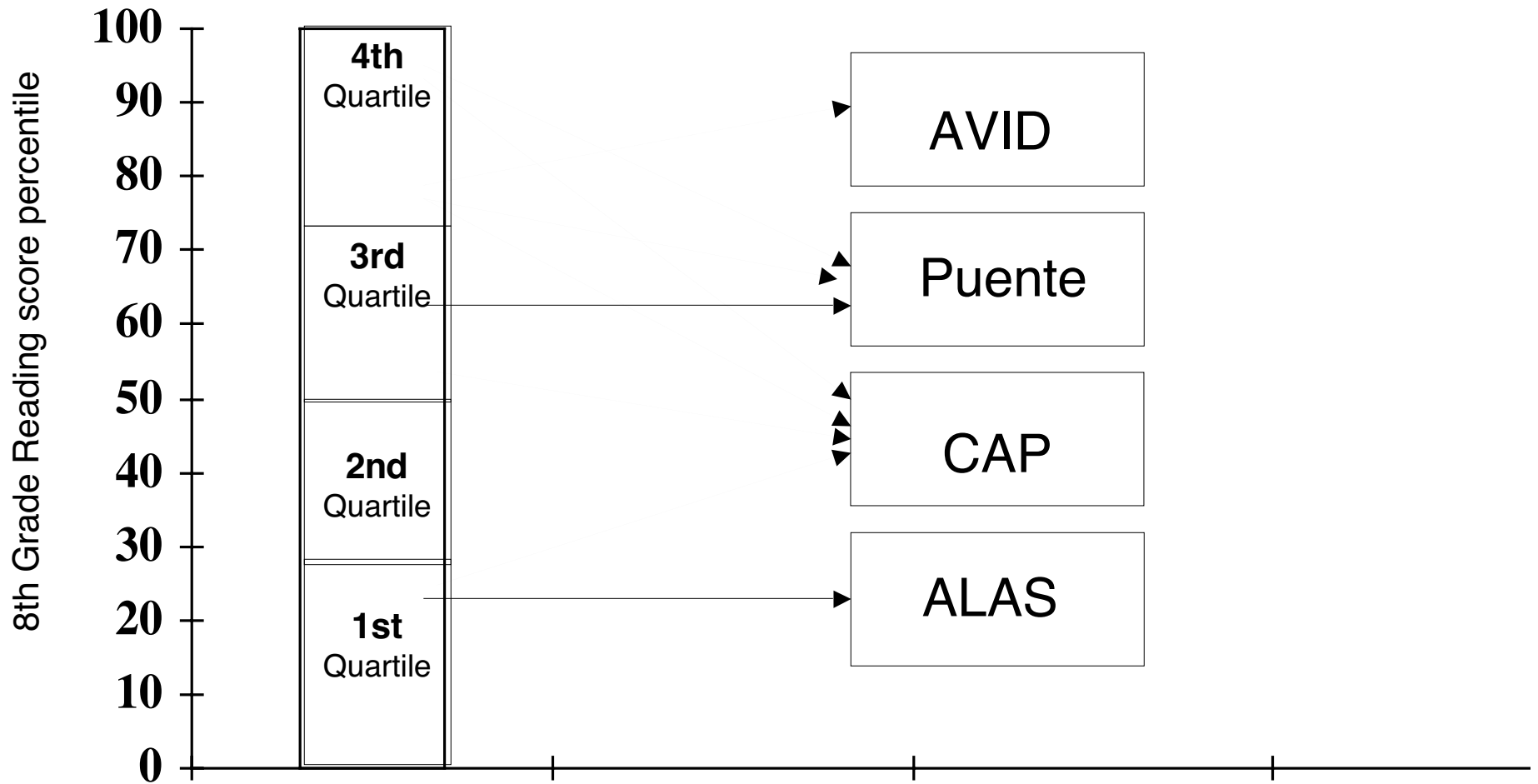
Counseling, EOPS, Puente

Tutoring

Employed as CAP tutor

> = continues through HS

Targeted Skill Levels of Four Programs

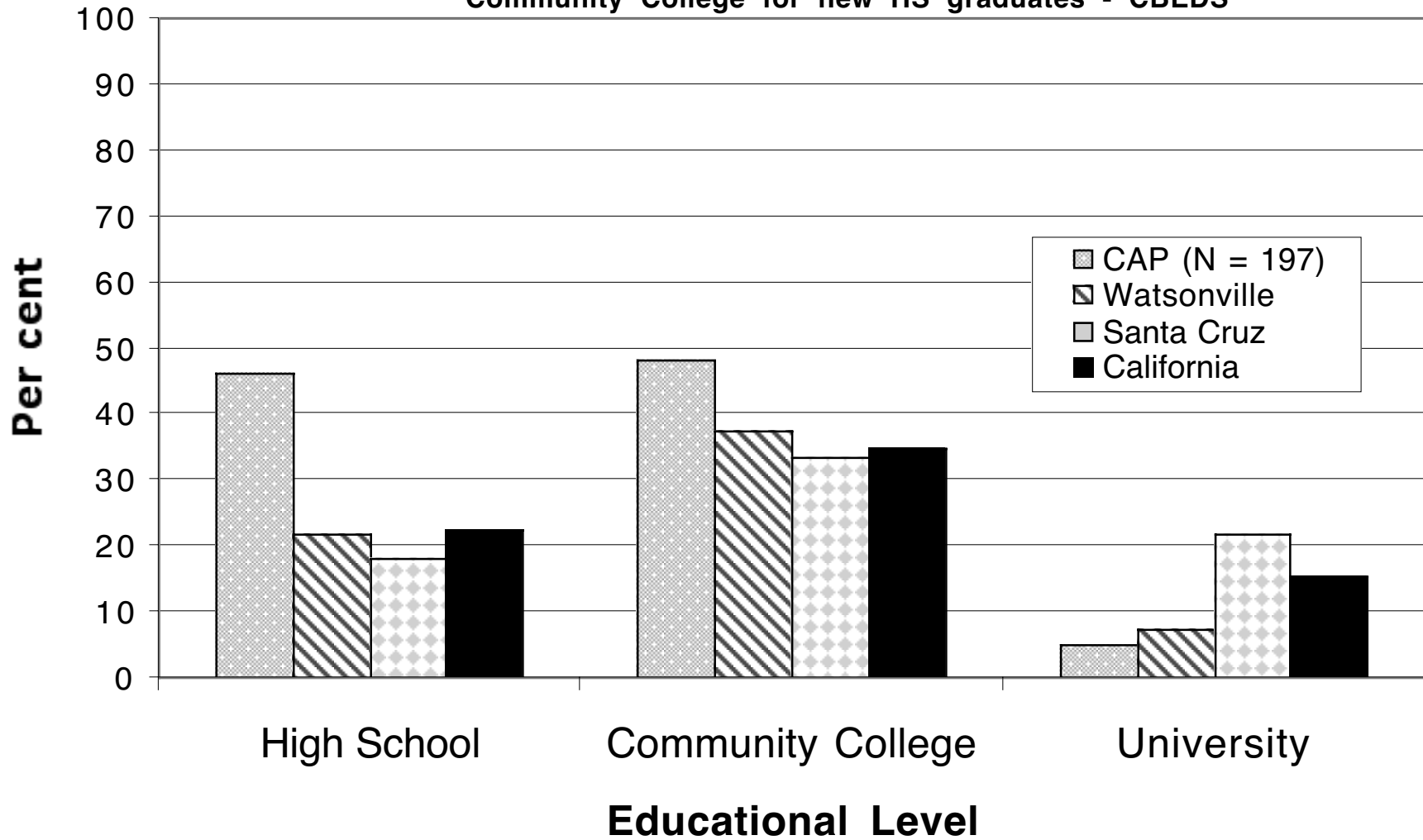


Adapted from Gándara, Larson, Mehan, & Rumberger (1998)

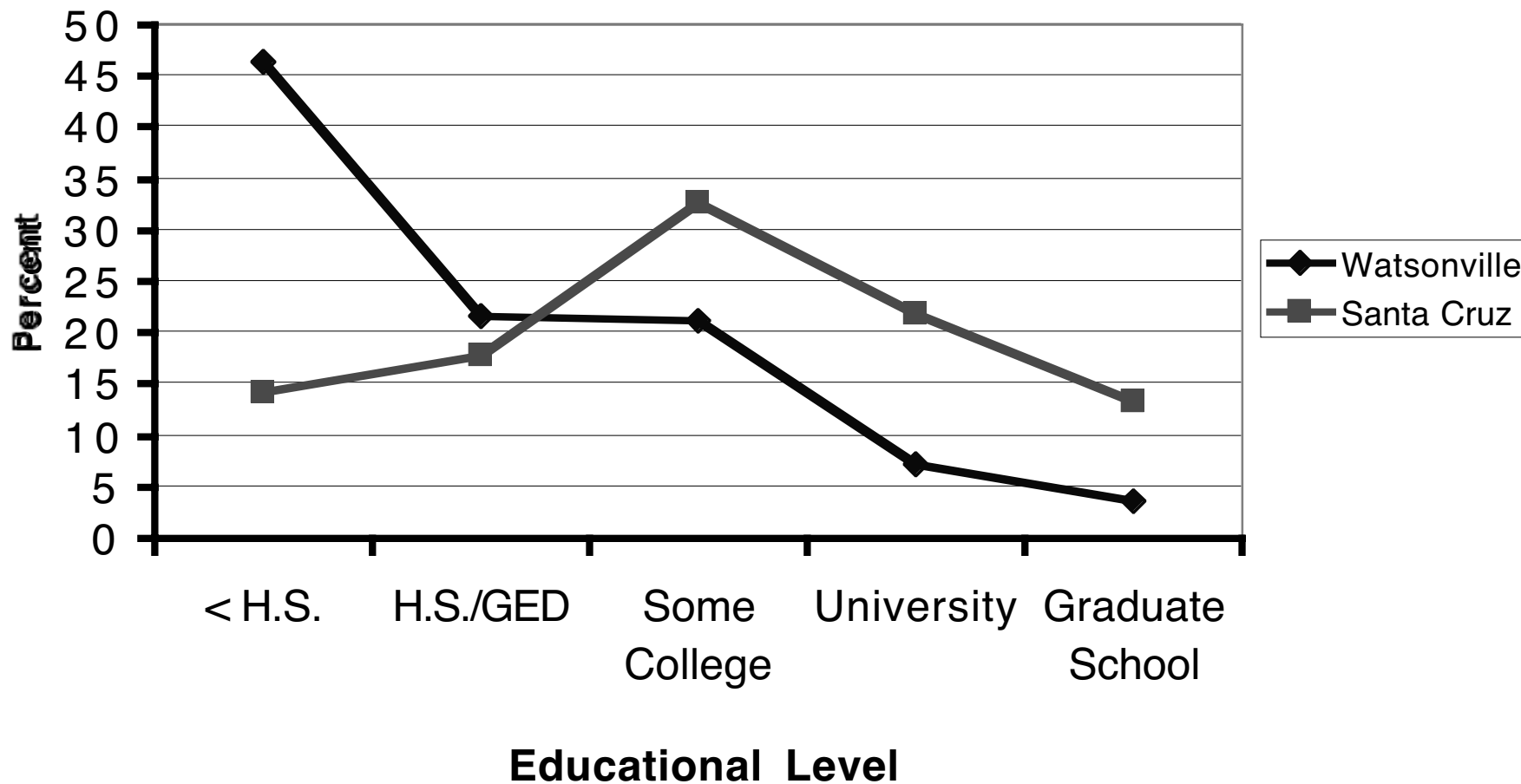
Comparing CAP Graduates to County and State

HS and University for adults over 25 - US Census

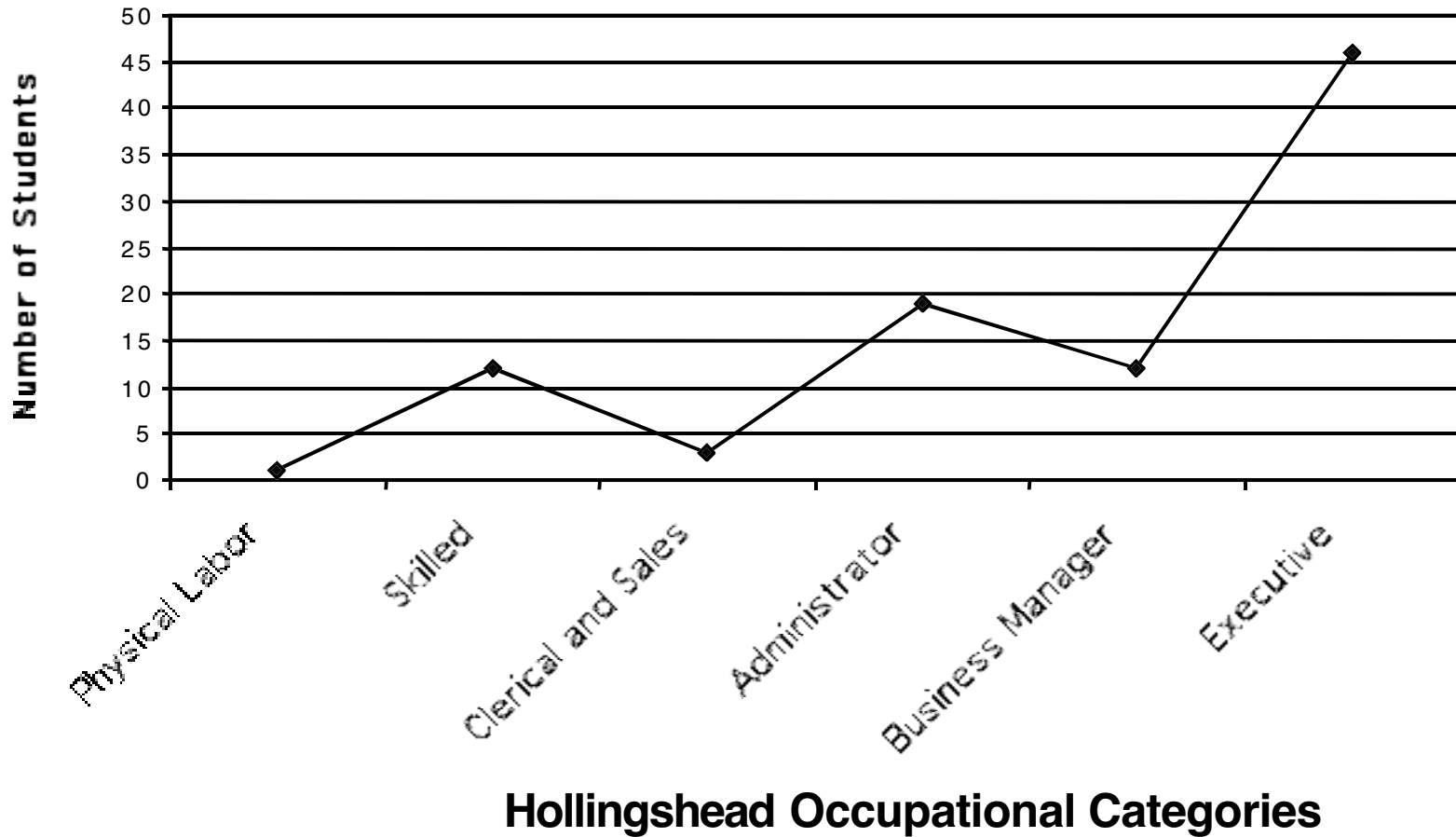
Community College for new HS graduates - CBEDS



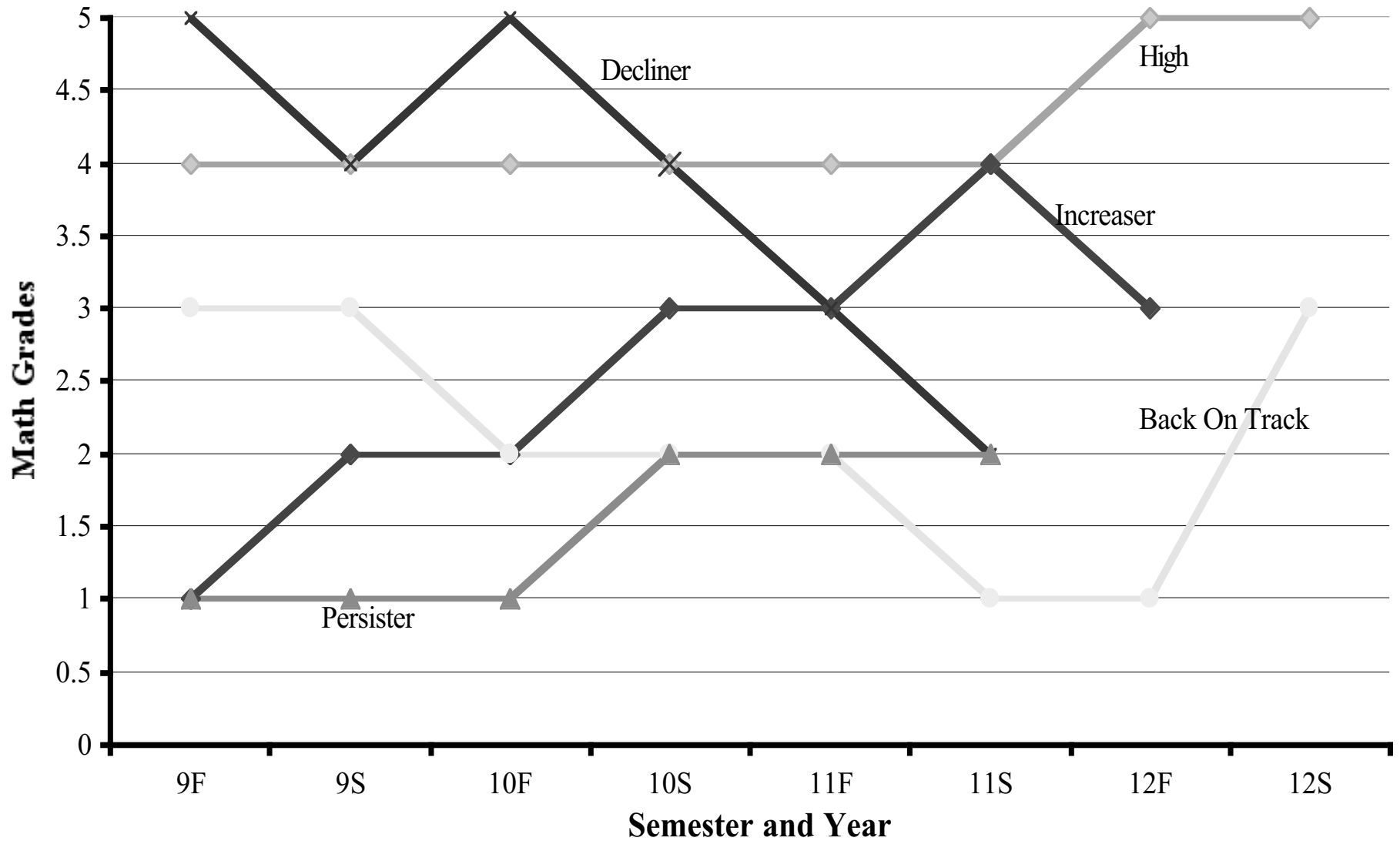
Educational Attainment of Adults in Watsonville and Santa Cruz



CAP Students' Career Goals: 116 Application Essays



5 Math Pathways through High School



Phase 2: Five Pathways to Algebra 1 and Beyond

Based on longitudinal case studies of CAP Summer Institute “regulars”

Year Passed Algebra 1

Luis	9th	high pathway	directly to university
Jana	10th	back on track	towards university eligibility
Nora	9th	high pathway	to community college
Raul	9th	declining	to high school graduation
Camilo	?	persisting	to community college

Of 980 Watsonville High School 9th graders in 1999-2000, **30.4%** passed Algebra 1
Algebra 1 is required for A.A. degree at Cabrillo Community College

Phase 3: A Toolkit for Science, Policy, and Practice

coming to Cooper website

- Guiding questions link general models to local views
- Demographics compare local and representative samples
- “It’s All about Choices”: School and program activities
- Comprehensive database
 - links cases and variables
 - traces individual and group pathways
 - codebook and graphing templates
- Helps youth move towards college and careers
- Connects partners across generations
- No cost to partners via website : CAP, EAOP, GEAR UP, Puente, UCSC

My Math Pathway

	Middle School			High School				Long-Term Goal
	6 th	7 th	8 th	9 th	10 th	11 th	12 th	
College Prep Math Classes			PreAlgebra	Algebra	Geometry	Algebra II	Trig/ Calculus	
My Math Classes								
My Future Agenda								

Example:

My Grades	A	X							
	B		X	X					
	C				X				
	D					X	X		
	F								X
		6 th	7 th	8 th	9 th	10 th	11 th	12 th	

My Grades	A														
	A-														
	B+														
	B														
	B-														
	C+														
	C														
	C-														
	D+														
	D														
	D-/F														
		6 F	6 S	7 F	7 S	8 F	8 S	9 F	9 S	10 F	10 S	11 F	11 S	12 F	12 S

CAP Families and CAP as a Family: Soledad's Dream

Age 12 I would like to be a writer for children's stories. I would like to write stories that will teach children many things, like becoming interested in reading. I want to help my community by finding economical resources so that the children don't leave their studies and other things. With my determination and effort I will successfully accomplish my goal to obtain these career. My obstacles are that I have cerebral palsy. Another obstacle is the English language.



Age 13 I want to be a writer and a DJ at a radio station. I have decided to go to Berkeley. I want to go to Berkeley because it has a program for disabled people and I have problems like that. The college is close but not too close...□The subjects I want to take are the ones I need for my career... My challenges are my disability, working to pay for college, and having problems in college... My resources are my teachers, college, books, and DJ's of other radio stations.

Age 15 Soledad (at right) reading poems on first radio show

Age 16 Soledad starts her own regular show on KZSC 88.1



Is CAP a Blueprint? What is Success?

Students

- + attaining their own, families', and community dreams
- + compared to adults and high school peers US Census, CBEDS

CAP program

- + sustaining program activities + "It's All About Choices" UCSC partnership
- + improving with program analysis UCSC Partnership
- ? healthy size? investment per student? program evaluation?

Santa Cruz County + partnerships keeping academic pipelines open