

Meeting Date: June 14, 2011

Item Title: Update Management System: "Steps to Success" Revised Targets

Item Type: Action

BACKGROUND: AUSD staff has been working on devising measurable outcomes and student performance metrics by which AUSD and the community can track our progress toward preparation of students for college and career success. Tonight staff will provide an update from our April presentation which introduced the idea to the Board. This update includes additional milestones identified during the previous Board Meeting, the research for the chosen milestones, and identified performance metrics that will be used to measure and set goals for the milestones.

FISCAL IMPLICATIONS: None.

RECOMMENDATION: Approve "Steps to Success" as AUSD performance metrics.

AUSD Guiding Principles: 1. All students have the ability to achieve academic and personal success. 2. Teachers must challenge and support all students to reach their highest academic and personal potential. 3. Administrators must have the knowledge, leadership skills and ability to ensure all students succeed.

Submitted by: Sean McPhetridge, Assistant Superintendent

Approved for Submission to Board of Education


Kirsten Vital, Superintendent

10 Steps to Success

Milestones for Career & College Readiness

ALAMEDA UNIFIED SCHOOL DISTRICT
ALACROSS • EARTH • FIRE • WATER

10 Steps to Success

Purpose

To update our April presentation to the Board with the current plan for AUSD to measure and monitor academic readiness and student outcomes. This update includes:

- 1. A new 10 Steps to Success graphic with the added steps suggested by the Board in April*
- 2. A review of the metrics identified (these will be used to review performance and set goals)*
- 3. Discussion of rationale for the chosen milestones*

10 Steps to Success



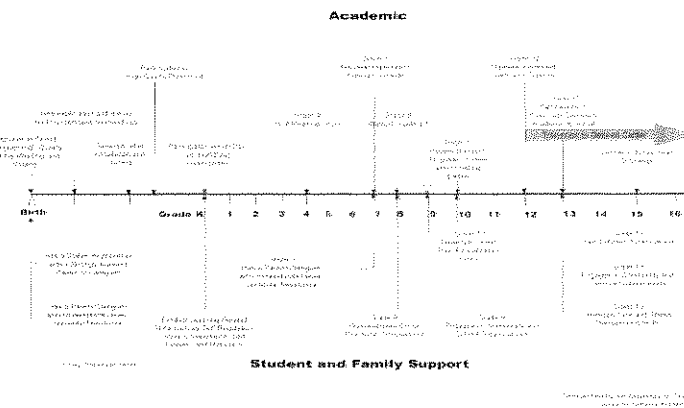
10 Steps to Success

Milestones for Career and College Readiness

10	Post Secondary Success	Student Teacher: 24.1 Pass
9	A-G Requirements or CTE Capstone	5.0
8	AP: Class Taken/Passed, Test Taken/Passed	100% Complete
7	Algebra 2 Proficient by 11 th Grade	100% Proficient
6	8 th Grade Algebra 1 Proficient	100% Proficient
5	7 th Grade Reading & Writing Proficient	100% Proficient
4	5 th Grade Math Proficient/Advanced	100% Proficient
3	4 th Grade Reading & Writing at Grade Level	100% Proficient
2	3 rd Grade Math Proficient/Advanced	100% Proficient
1	K-1 st Grade Reading Readiness	100% Proficient

10 Steps to Success

Student's Roadmap to Success: Critical Benchmarks and Transition Years



This document is an important reference for how families and schools can ensure student readiness for career and college.

Step 1: K-1st Grade Reading Readiness

Development of early literacy skills is key to school success. Students are expected to be proficient on the Early Literacy Survey by the end of 1st grade.

Step 2: 3rd Grade Math Proficient/Advanced

➤ *The decision was made at the last session to include 3rd grade proficiency in math as an important check of growth during elementary school.*

➤ *National Math Advisory Panel Final Report:
"By the end of Grade 3, students should be proficient with the addition and subtraction of whole numbers" (p. 20).*

Step 3: 4th Grade Reading & Writing Proficiency

- *National Assessment of Educational Progress (NAEP) uses 4th grade reading proficiency as a marker of school success on the state and national level.*
- *4th grade reading is an important transition from “learning to read to reading to learn.” Academic text readability levels (the analyzed difficulty of text) are more challenging at 4th grade than in earlier grades.*
- *Writing skill at 4th grade is a key indicator of reading comprehension.*

Step 4: 5th Grade Math Proficient & Advanced

- *5th grade is the end of elementary school and signals the transition to more focus on pre-Algebra/ Algebra in the 6th grade. Students must be prepared for a more rigorous pace in 6th grade as well as more independent learning because of departmentalized classes and increased teacher contacts during the day.*

Step 5: 7th Grade ELA Proficient

Reading and Writing

- *7th graders are required to take the STAR Writing Test in addition to the ELA sections to gauge their development towards reading and writing competence.*

Step 6: Algebra 1 Proficient by 8th Grade

- *California identifies Algebra 1 as the 8th grade level math standards.*

- *National Math Advisory Panel Final Report:
“All school districts should ensure that all prepared students have access to an authentic algebra course – and should prepare more students than at present to enroll in such a course by Grade 8” (p. xviii).*

“Algebra has emerged as a central concern, for it is a demonstrable gateway to later achievement” (p. 3).

Step 7: Algebra 2 Proficient by 11th Grade

➤ *According to Peter Whoriskey in an article from The Washington Post in April 2011, "Of all the classes offered in high school, Algebra II is the leading predictor of college and work success..."*

➤ *One key study was led by Anthony Carnevale and Alice Desrochers, both working at Educational Testing Service. They followed a group of students from 1988-2000, starting in 8th grade. Of those who held top tier jobs, 84% had taken Algebra II or higher in high school. These results were correlated with findings collected from interviews with college professors and employers who identified skills taught in Algebra II as necessary for college and the work place.*

Step 7: Algebra 2 Proficient by 11th Grade

➤ *National Math Advisory Panel Final Report:*

"A strong grounding in high school mathematics through Algebra II or higher correlates powerfully with access to college, graduation from college, and earning in the top quartile of income from employment" (p. xii).

- The probability a student will enroll in a 4-year college correlates substantially with the completion of high school math beyond Algebra II.
- Two-thirds of the students who took Algebra II in high school reported they were well-prepared for the demands of the workplace.

Step 8: AP Class Taken/Passed, Exam Taken/Passed

➤ *Participation in Advanced Placement (AP) classes is a strong indicator of choosing a college as a post-secondary option, and passing the final exam with a score of 3 or higher is a strong predictor of college success.*

Step 9 Part A: A-G Requirements

A-G courses are required for entrance into the California State University and University of California systems, and completion of these requirements creates a strong foundation for post-secondary educational success. 11 units must be completed by the end of 11th grade.

Requirement Letter	Subject	Requirements
a	History/ Social Science	2 units: One year World History, one year U.S. History
b	English	4 units: Four years of college preparatory composition and literature
c	Mathematics	3 units: Three years of college preparatory mathematics (four years recommended)
d	Lab Science	2 units: Two years of laboratory science (three years recommended)
e	Language (not English)	2 units: Two years of a single language other than English (three units recommended)
f	Visual & Performing Art	1 unit: One year of either dance, drama/theater, music or visual art
g	College Prep Elective	1 unit: One year additional of UC-approved a-f courses, CTE course, etc
		15 units total

Step 9 Part B: CTE Concentrator & Capstone

CTE: Career and Technical Education

Concentrator: a student who has completed 50% of a planned CTE program sequence

Capstone Course: last course in a CTE sequence. Capstone courses are mostly for seniors.

➤ ***In preparation for career and college readiness, we recommend students complete A-G requirements or CTE capstone classes or both.***

Step 10: Post Secondary Success

➤ ***We discussed with the Board in April how AUSD is currently exploring our ability to track this information.***

➤ ***The Board requested this milestone be added to Steps to Success.***

➤ ***A system is being developed to try to track not only college admission of AUSD graduates but also graduation data from two-year and four-year colleges as well as workplace success.***

Conclusion

- ***Focusing our analysis on key metrics gives AUSD multiple checks to ensure our students will be prepared for college and career success.***
- ***This compilation can be used to alert AUSD educators and our community of successes to celebrate as well as issues that must be addressed so that all students can be career and college ready.***
- ***This set of performance metrics will evolve over time.***
- ***This compilation of performance metrics will not be the only data we analyze. We will continue to use available relevant data to help address the learning needs of our students.***

Next Steps

- 1) ***In August/September, STAR tests and other available assessments will be analyzed for inclusion in Steps to Success and presented to the Board.***
- 2) ***One to two more presentations will be made during the year as important data becomes available.***
- 3) ***AUSD personnel will use this data as well as other information to set goals, make policy recommendations, and modify educational practices to improve what we already do well: prepare students for success.***