

ANALYSIS OF ARIZONA A-F LETTER GRADES TO IDENTIFY AMPHI POTENTIAL

A REVIEW OF THE A-F SYSTEM, AMPHI DATA, AND RATIONALE FOR CONTINUOUS
IMPROVEMENT

OFFICE of LEARNING and INSTRUCTION





Background Information



Introduction:

- **Jason Weaver:** Program Evaluation and Data Analyst

State Assessment Scope of Work:

- Review of assessment data from 2021-22 school year
- Identify aspects of student performance to determine site supports
- Determine opportunities to improve student performance on State assessments
- Delineate variables impacting labels of student performance and site letter grades



Arizona's A-F Letter Grade System



Presentation Goals:



Deconstruct the core components of the A-F letter grade system.



Provide a brief analysis of several components in the Amphi district to identify potential within the A-F system.



Outline areas and next steps for continuous improvement in our schools (Associate Superintendents).



A-F Letter Grades: Rules & Adoption Timeline



A-F model adopted by SBE (including proficiency levels)

Students take the AASA or ACT state assessments

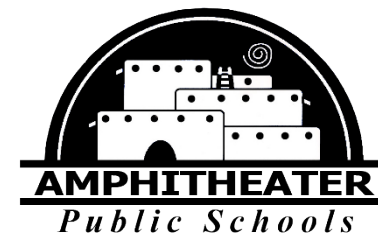
Multiple versions of student enrollment data is verified

Preliminary test results are viewable by districts through testing vendor

High schools submit Career & College self reporting data



A-F Letter Grades: Rules & Adoption Timeline



School level aggregated data available to districts (September)



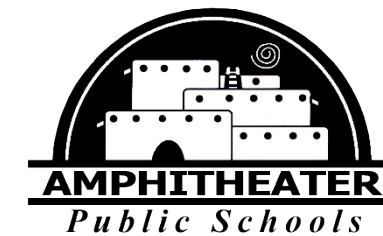
State Board of Education approves cut scores



A-F Letter Grades released to schools and the public (November)



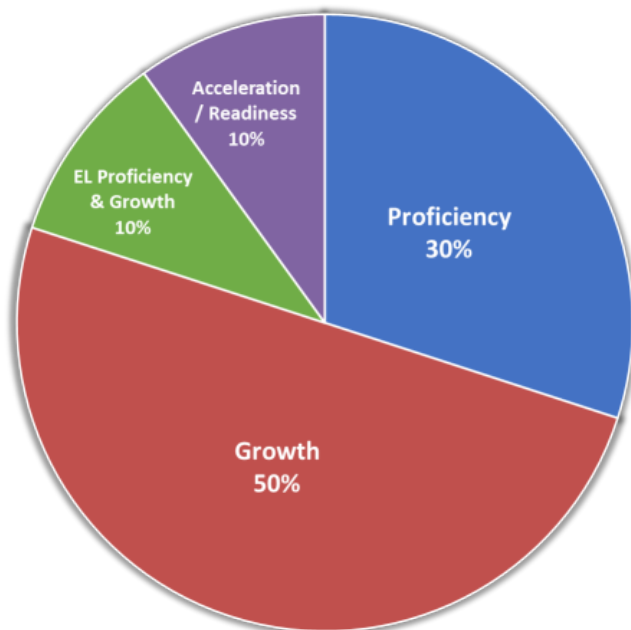
A-F Letter Grades: Structure



K-8 Schools/Grades

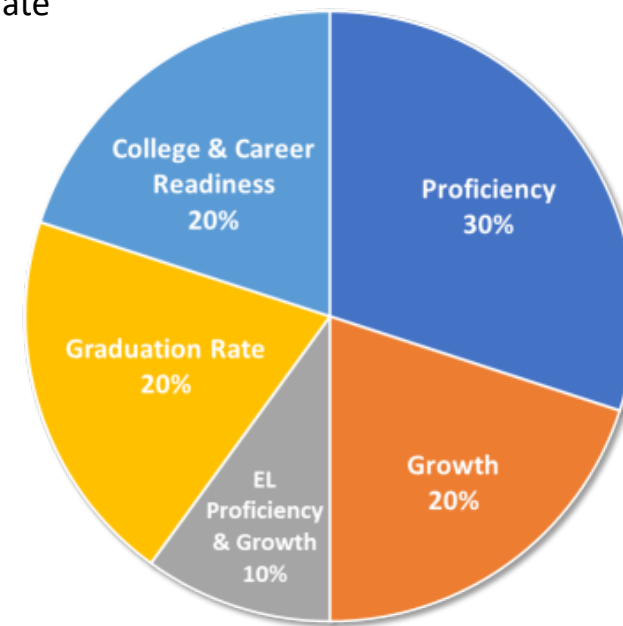


- Percentage of proficient students on the AASA grade level assessment (grades 3-8)
- Longitudinal indicators of relative student gain and growth
- EL language **proficiency** and **growth** (grades K-8)
- Indicators to measure students' ability to accelerate beyond elementary school



High Schools

- Percentage of proficient students on the state administered ACT and Multi-State Alternate Assessment (grade 11)
- Longitudinal indicators of relative student gain and growth
- EL language **proficiency** and **growth** (grades 9-12)
- Indicators to measure students' readiness to succeed in a career or post-secondary enrollment
- Graduation rate

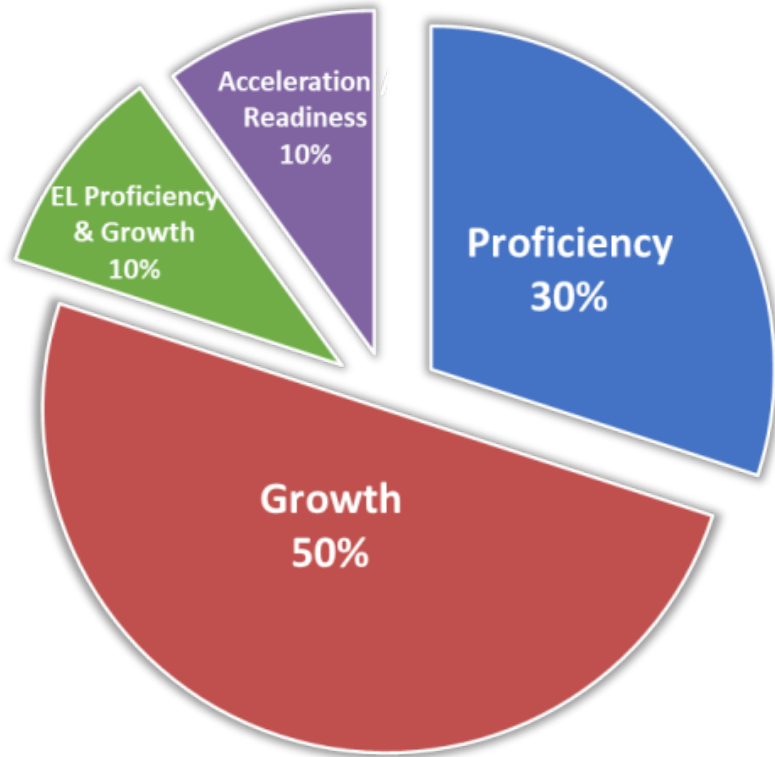


*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



A-F Letter Grades: K-8 “Points” Structure

Student Academic Outcomes



Grades 3-8 ELA and Math

Proficiency (Overall Achievement)	
Achievement Level	Point Value
Minimally Proficient	1
Partially Proficient	2
Proficient	3
Highly Proficient	4

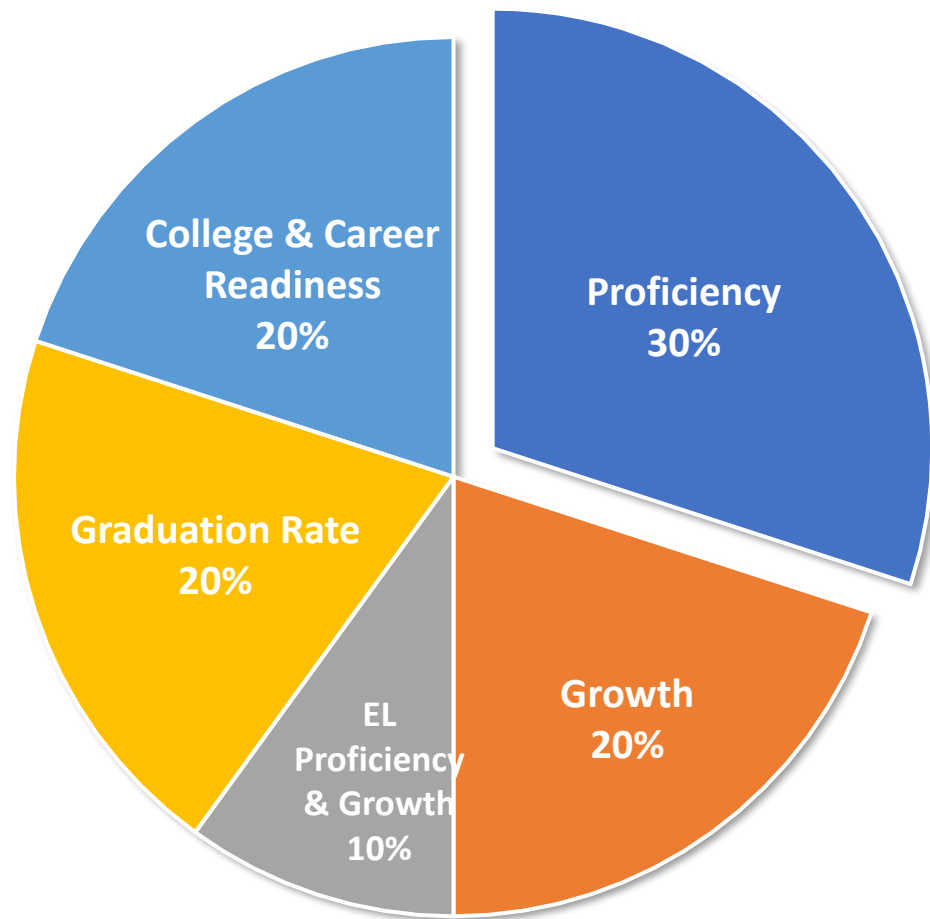
*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



A-F Letter Grades: High School “Points” Structure



Student Academic Outcomes



High Schools – Grade 11 ACT

Proficiency (Overall Achievement)	
Achievement Level	Point Value
Minimally Proficient	0
Partially Proficient	.6
Proficient	1
Highly Proficient	1.3

*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



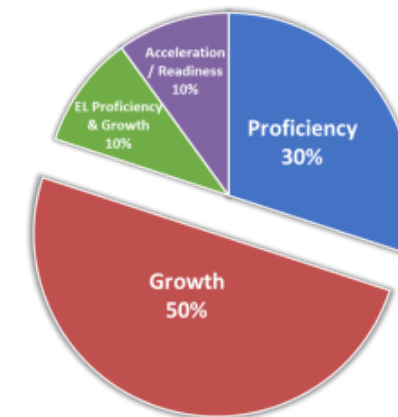
A-F Letter Grades: Academic Growth Structure



1. Student Growth Percentiles



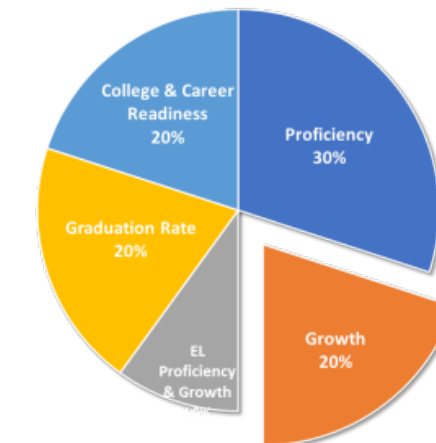
SGP describes the “ACTUAL” growth a student made in a school year by comparing a student’s current-year test score with the current-year test scores of his/her academic peers.



2. Student Growth Targets



SGT is the “EXPECTED” growth a student should exhibit in the year to achieve ‘Proficient’ and ‘Highly Proficient’ within the next three years beyond the current year or by high school graduation, whichever comes first.



Were not included in FY22 letter grades – will be in FY23.



A-F : Student Growth Percentiles Points Structure



Current-Year Student Growth Percentile			
Prior-Year Achievement Level	Weights		
Highly Proficient (HP)	0	1.00	1.00
Proficient (P)	0	1.00	1.20
Partially Proficient (PP)	0	1.00	1.80
Minimally Proficient (MP)	0	1.00	2.00
	1-33	34-66	67-99
	Low Growth	Average Growth	High Growth

AASA & ACT: Grades 3-8, 11

- Growth compared to peers

Percentile Ranges

Arizona English Language Learner Assessment K-12 English Learners

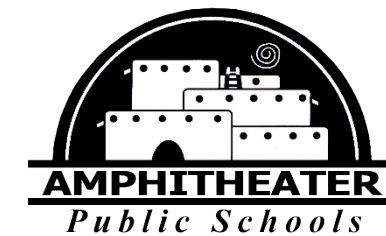
- Year to Year Growth

Prior Year Achievement Level	Current Year Achievement Level	Point Value
Basic/Intermediate	Intermediate	1
Pre-Emergent/Emergent	Basic	
Basic	Intermediate	
Intermediate	Proficient	2
Pre-Emergent/Emergent	Intermediate	
Basic/Intermediate	Proficient	
Basic	Proficient	3
Pre-Emergent/Emergent	Proficient	

*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



A-F Letter Grades: Student Growth Targets



K-8 and High School

Were not included in 2021-2022 calculations but will be part of this school year's calculation

Minimum growth needed each year to "catch up" to Proficiency or "move up" to Highly Proficient

Trajectories are dependent upon starting point

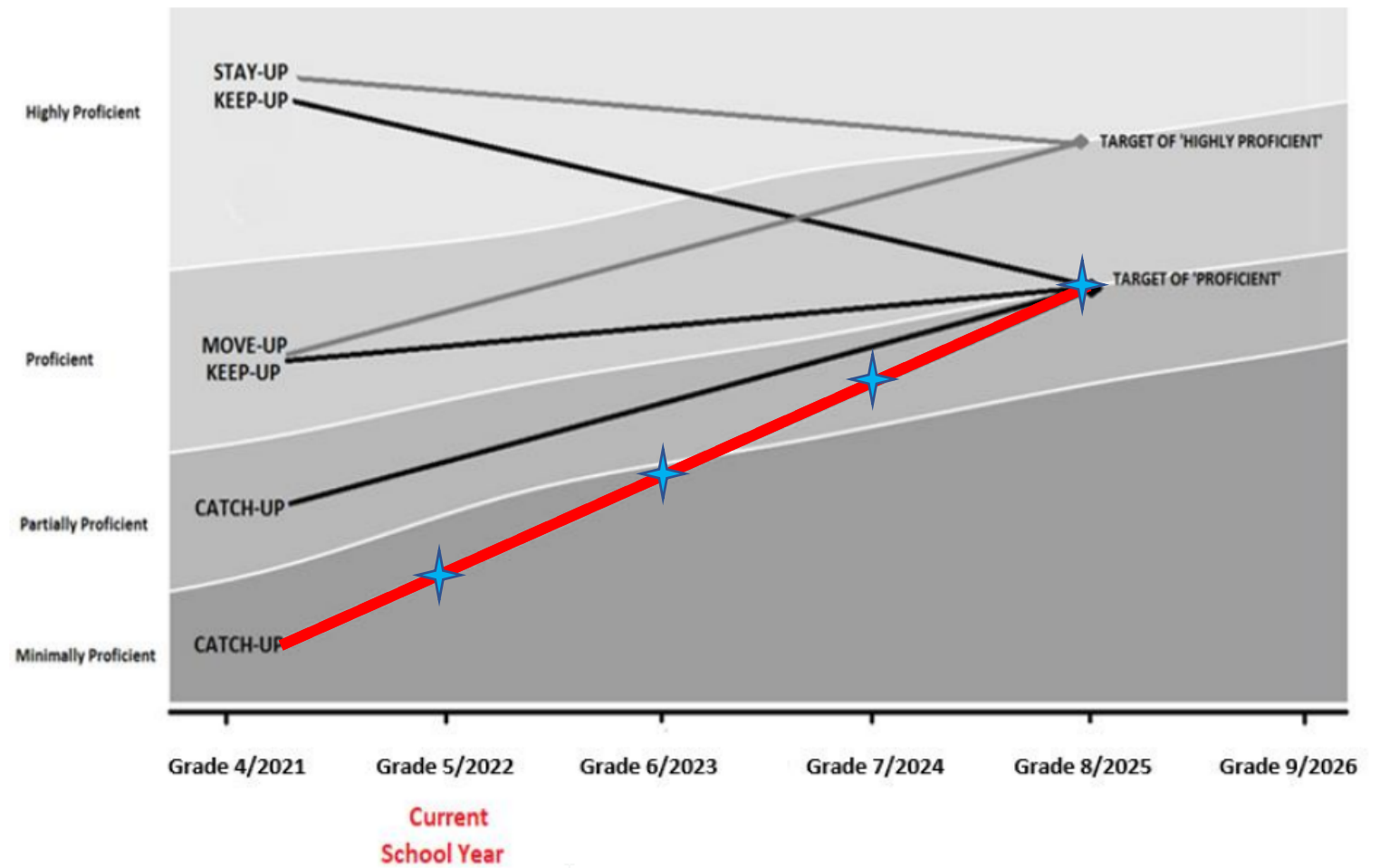


Illustration of the Student Growth Target for a student in grade 5 in the 2021-2022 school year

*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



A-F Letter Grades: Acceleration/Readiness



K-8 Schools/Grades



Growth and performance of subgroups & Student Attendance



- **Grade 8 Math Performance** 5 points
 - Increase HP, Decrease MP



- **Grade 3 ELA Minimally Proficient** 5 points
 - Decrease in MP



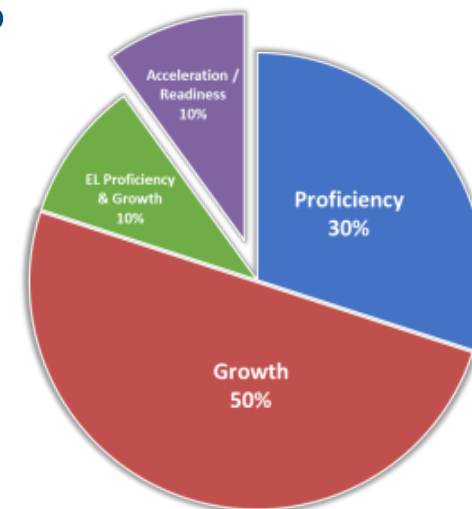
- **Chronic Absenteeism** 2 points
 - CA > 10% Absenteeism
 - Decrease CA *or* < 4%



- **Special Education Inclusion** 2 points



- **Subgroup Improvement** 6 points



- Eligible Subgroups**
- African American
 - Asian
 - Economically Disadvantaged
 - EL and FEP1-4 1
 - Foster care
 - Hispanic
 - Homeless
 - Native American/Alaskan Indian
 - Pacific Islander
 - Parent in Military
 - Special Education
 - Two or More Races
 - White

*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



A-F Letter Grades: Graduation Rate

High Schools

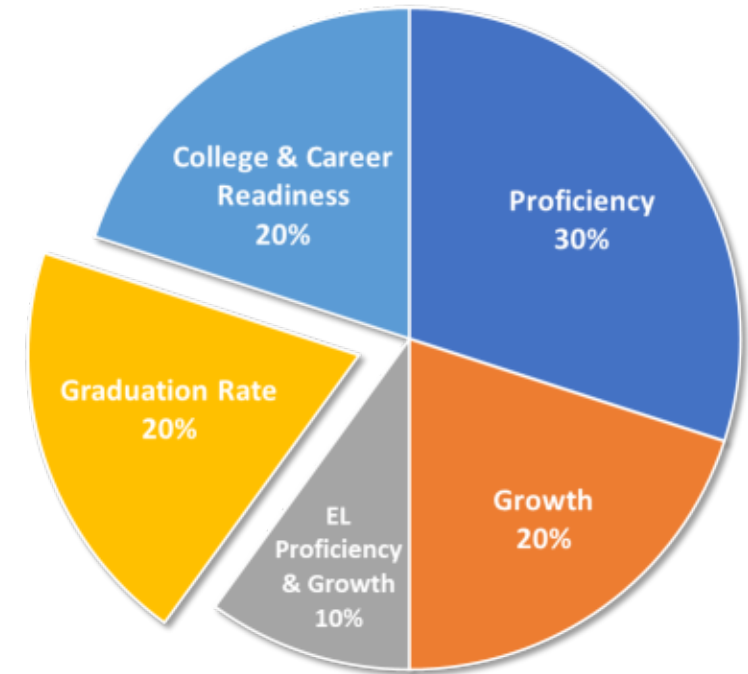


Multi-Year Graduation Rates (10%) + Prior-Year Improvement Rate (10%)



10% = Four, Five, Six, & Seven-Year Calculation

Graduation Rate	Cohort	Weight
4-year	2021	5.0%
5-year	2020	4.0%
6-year	2019	2.5%
7-year	2018	0.5%



10% = Prior Year rate – Current Year rate

- (0, 5 or 10 points)





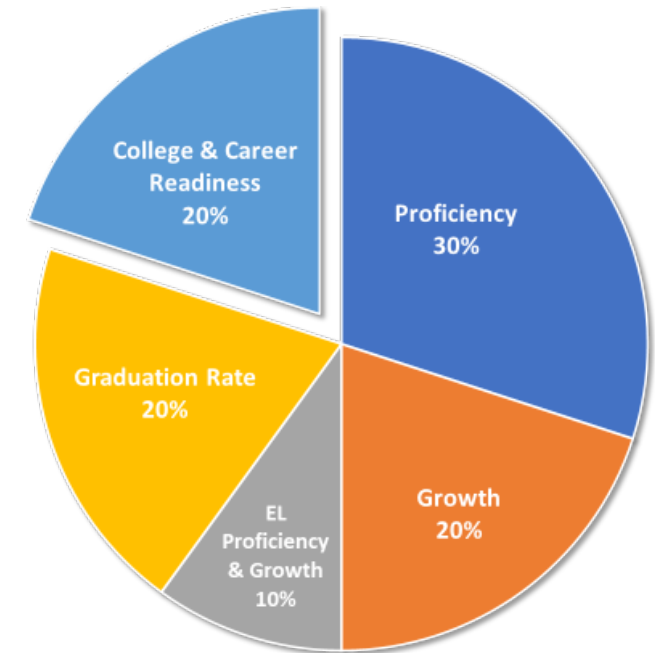
A-F Letter Grades: College & Career Ready

High Schools



Intends to incorporate the “entire high school experience” based on meeting a variety of metrics:

- Grand Canyon or International Baccalaureate Diploma
- Completion & passing CTE/Arizona Technical Skills Assessment
- AP Exam Performance
- College level career pathway courses (CTE)
- Passing grades and/or cut scores on other assessments and courses
- Internships



*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS

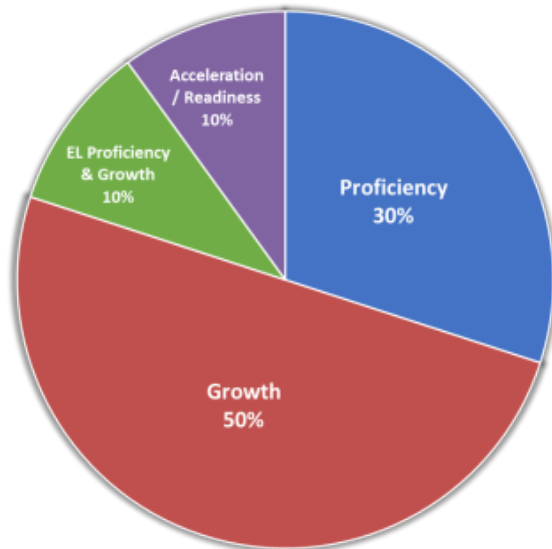


A-F Letter Grades: Bonus Points



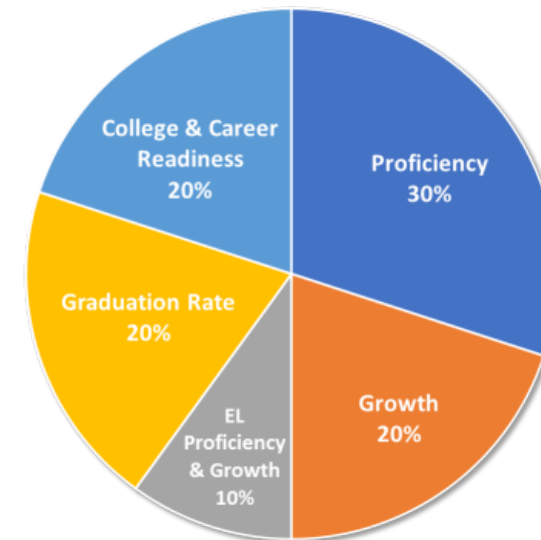
K-8 Schools/Grades

- Special Education Enrollment
- Science Proficiency (grades 5 & 8)



High Schools

- Special Education Enrollment
- Science Proficiency (grade 11)
- College & Career Readiness
- ACT Aspire (% of grade 9 tested)



*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS

A-F Letter Grades: Potential

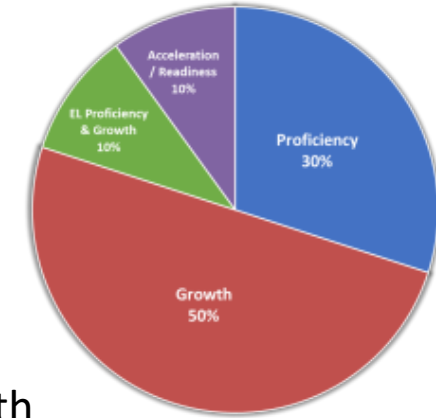


Strengths & Opportunities for Amphi Schools (A-F)



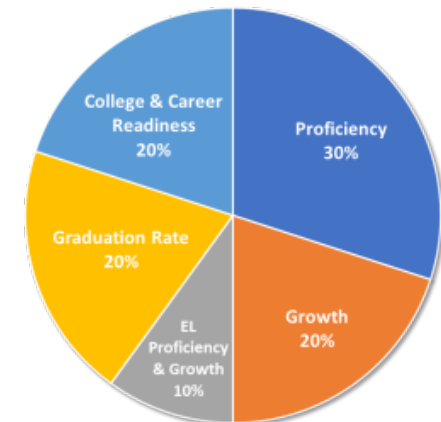
Overlapping Areas of Importance in A-F

- Proficiency & Growth represent 90% (K8) and 60% (HS)
- All other indicators place a premium on student achievement and growth



Continuing Readiness Measures

- Chronic Absenteeism
- Subgroup performance & improvement





A-F Letter Grades: Potential



How close were schools who did not get an “A” last year, to moving up?

K-8 Letter Grade Cut Scores

A	max	100
	min	84.67
B	max	84.66
	min	72.39
C	max	72.38
	min	60.11
D	max	60.1
	min	47.83
F	max	47.82
	min	0

9-12 Letter Grade Cut Scores

A	max	100
	min	83
B	max	82
	min	66
C	max	65
	min	49
D	max	48
	min	32
F	max	31
	min	0

School	Points Away Moving Up One Letter Grade
AAO (K-8)	-6.66
AHS	-6.58
AMS	-6.35
Coronado	-4.75
Holaway	-2.74
Keeling	-0.43
La Cima	-10.07
Donaldson	-8.81
Nash	-11.25
Prince	-1.73
Rio Vista	-8.50

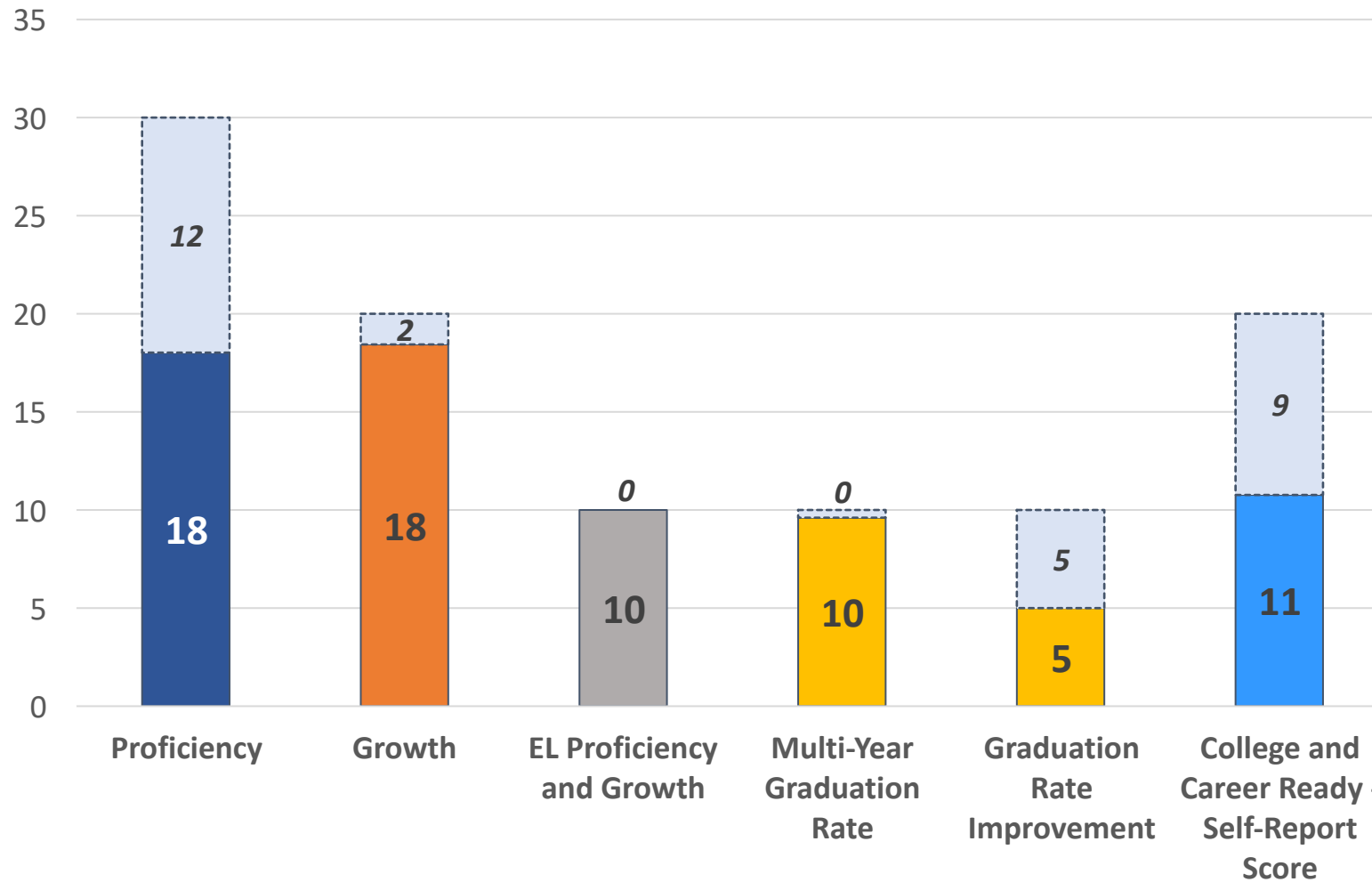
*Source: Arizona Department of Education Business Rules, K-8 & Traditional HS



A-F Letter Grades: High School Potential



Average Points for High Schools '21-22 (in Amphi)



Proficiency

- Represents the largest area for improvement

College & Career

- Second largest area for improvement

Growth

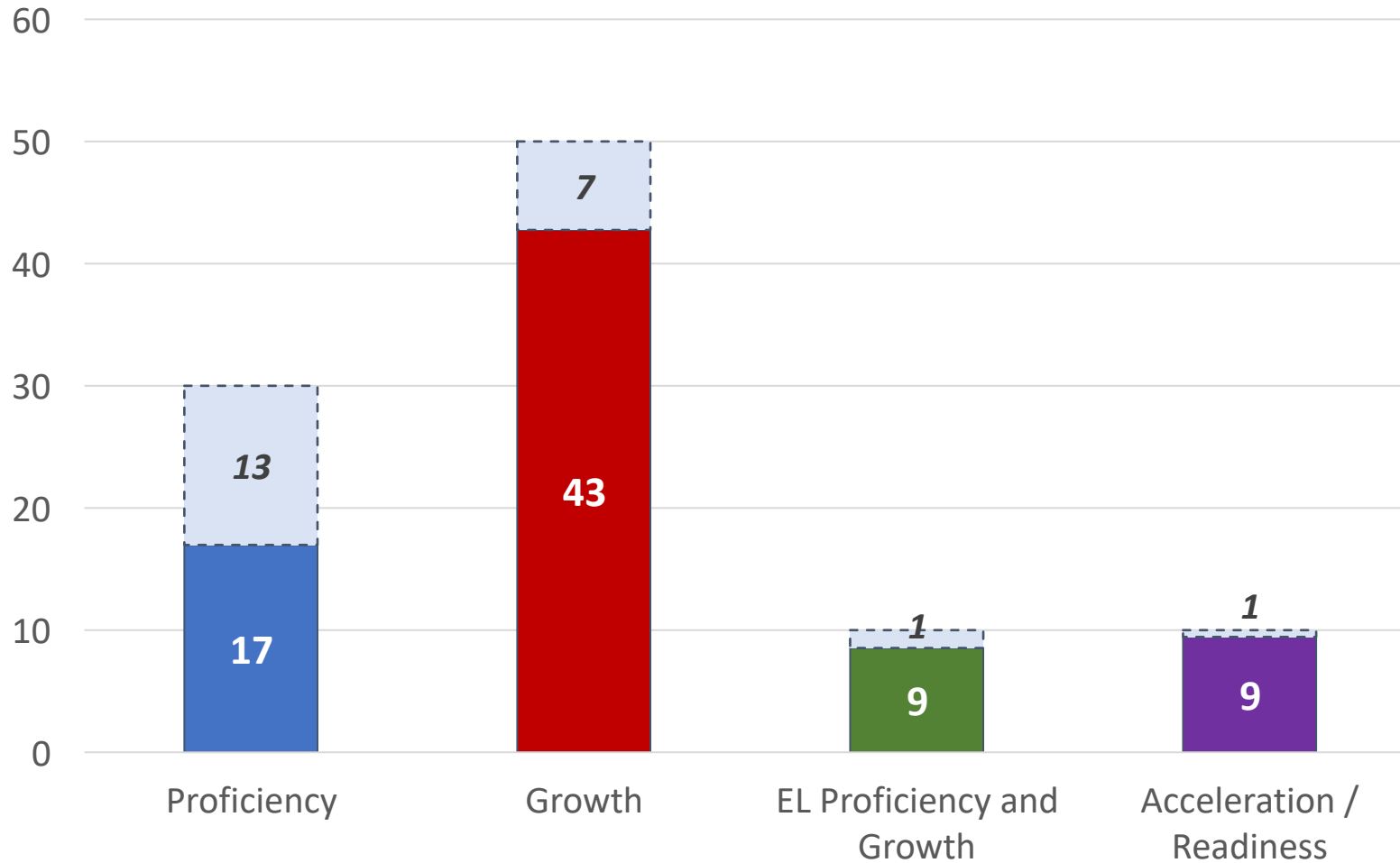
- FY20 & FY21 COVID presumably led to high growth for FY23
- Student Growth Targets



A-F Letter Grades: K-8 Schools' Potential



Average Points Amphi K-8 Schools'21-22



Proficiency

- Represents the largest area for improvement

Growth

- FY20 & FY21 COVID presumably led to high growth for FY23
- Student Growth Targets



Proficiency & Growth: Benchmark Assessments



Strengthen the core, foundational first instruction of all students



Assessment Literacy

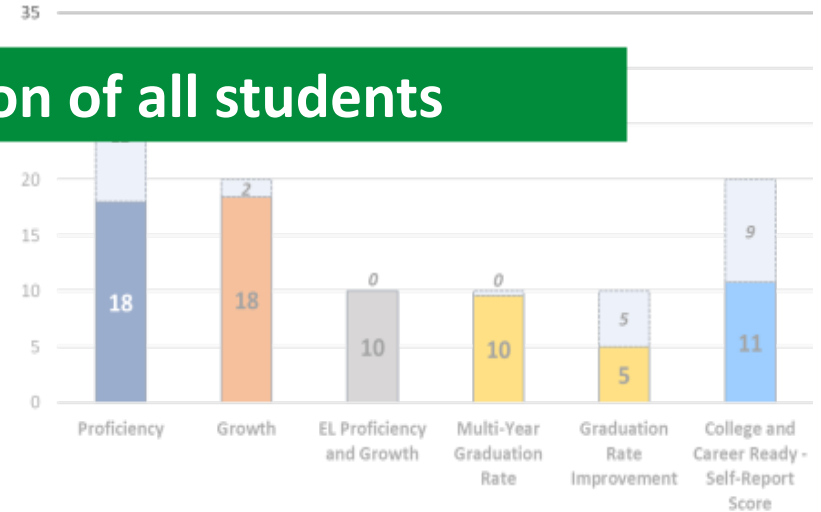
- Elementary, Middle, High Schools
- Leveraging & aligning resources



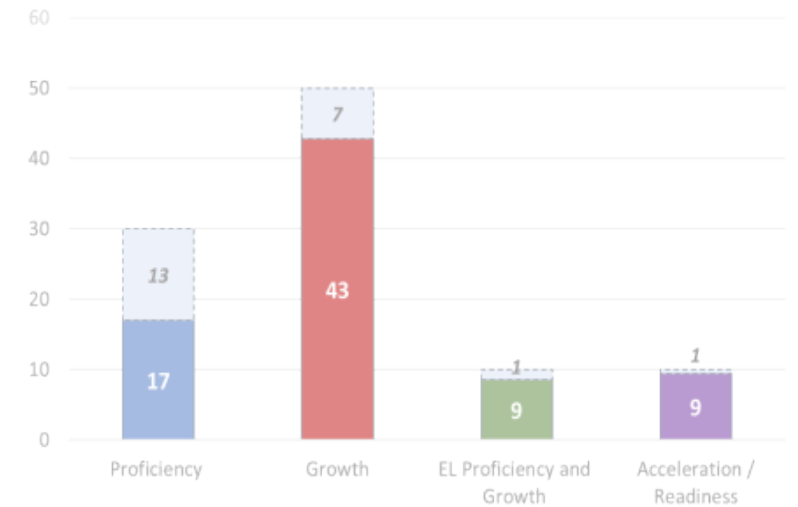
Year 1 of NWEA MAP in grades 2-10

(previously grades 2-8)

- Winter window in session
- Opportunity and potential for our schools based on recent and nationally normed data in ELA and Math

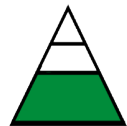


Average Points Amphi K-8 Schools '21-22





Proficiency & Growth: Potential & Continuous Improvement



Strengthen the core, foundational first instruction of all students

- Aligning instructional strategies within a common instructional framework.
- Implementing a scope and sequence that is developmentally appropriate, aligned with our report card, and utilizes research-based curriculum adoptions.
- Integrate ongoing assessment of learning for analysis in a cycle of improvement for student learning.
- Provide intentional, focused, and embedded professional growth of our teachers.

Continue to improve and provide supports for students needing additional supports

- Intervention opportunities
- Reteaching opportunities in the classroom