




# A-F Accountability System

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Arizona Department of Education

A silhouette of a person standing on a rocky mountain peak, with their arms raised in a 'V' shape towards a bright sun. The sun is low on the horizon, creating a warm, golden glow across the sky and the distant, hazy mountain ranges. The person is wearing a backpack and shorts.

Measure the  
growth in quality  
of Arizona schools  
as required by state  
and federal law.

- **Overview**
- **Description of Models**
- **Deep Dive into the EL Proficiency and Growth**
- **Timeline**

When you leave here you will have seen the current A-F models, know facts that are important to you and perhaps had some fun in the process

**AGENDA**

## Inclusion and Calculations



AZ State Board of Education

Determine criteria



**ADE Accountability**

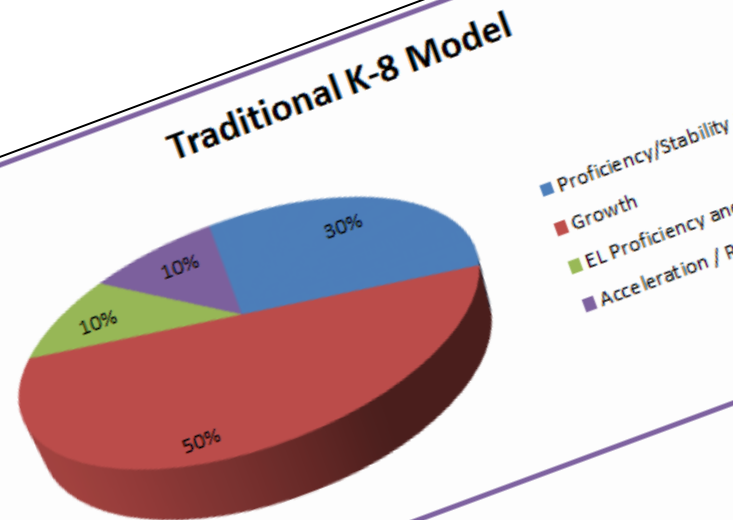
Coordinate, manage  
and calculate data

Item	
SBE	State Board of Education
ADE	Arizona Department of Education
Proficiency	Proficiency is percent passing on various assessments
Growth	Improvement calculated on AzMERIT ELA, AzMERIT Math and AZELLA
Cohort	Student assignment once they enter a high school grade
SGP	Student Growth Percentile used to measure growth on AzMERIT ELA and Math only
Acceleration Readiness	Several components to indicate excellence
CCRI	College Career Readiness Indicator comprised of many items
Graduation	Met SBE's requirements for high school completion
FAY	Full Academic Year
Stability FAY	Looking a FAY from year to year
Menu of Assessments	ACT and SAT for 9-12 only

# A-F Letter Grade Data

- **K-8 Schools** received their aggregated data on Sept. 11, 2019
- **9-12 Schools** will receive their data the third week of September
- **Alternative Schools** will receive their data the third week of September
- **Letter Grade Cut Scores** will be decided upon by the SBE in October
- **Letter Grades** released by November 1<sup>st</sup> to the schools and the public

Category	Weight	Points
Proficiency/Stability Proficiency*	30%	26.51
Growth	50%	45.06
EL Proficiency and Growth	10%	10.00
Acceleration / Readiness	10%	10.00
Total Bonus Points		5.00
All Students Total Points		96.57
Total Points Eligible		100.00
Percentage Earned		96.57%
Percent Tested		99.86%
		<b>A</b>



Stability Proficiency		30%*
ELA	Math	All
83.64%	97.09%	90.3%
88.75%		88
		8





Assessment Data  
Demographics  
Growth



English Learner  
Free/Reduced Lunch  
Special Education





Performance  
Letter Grades  
Public Files

*Where are  
EL students  
counted in the  
A-F Letter Grades?*

# A-F Letter Grades include EL Students for:

Academic Achievement

Academic Growth Compared to Their Peers

Academic Gain

Language Proficiency

Language Growth

Attendance

Graduation

Representation for Their Subgroups





# Deep Dive

K-4

K-6

**Non-Typical**

K-8

9-12

K-8

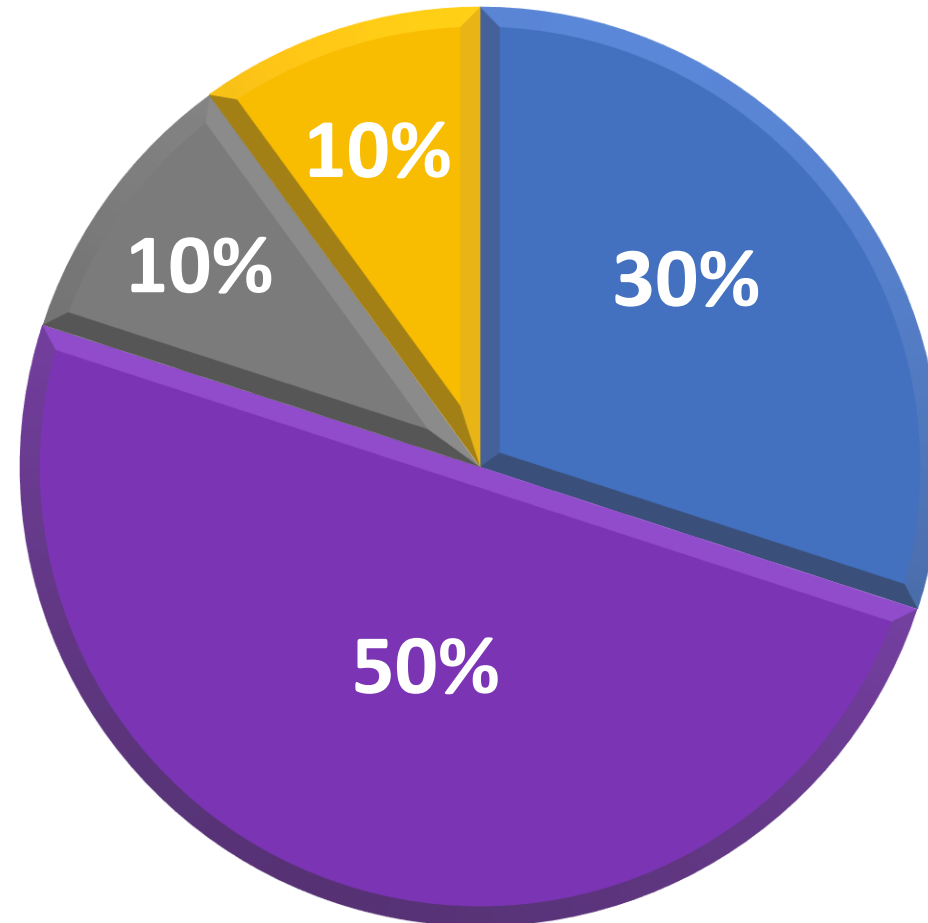
9-12

Final calculations are weighted by the enrollment in grades and 9-12 to determine a final grade for a non-typical scho



# K-8 Traditional

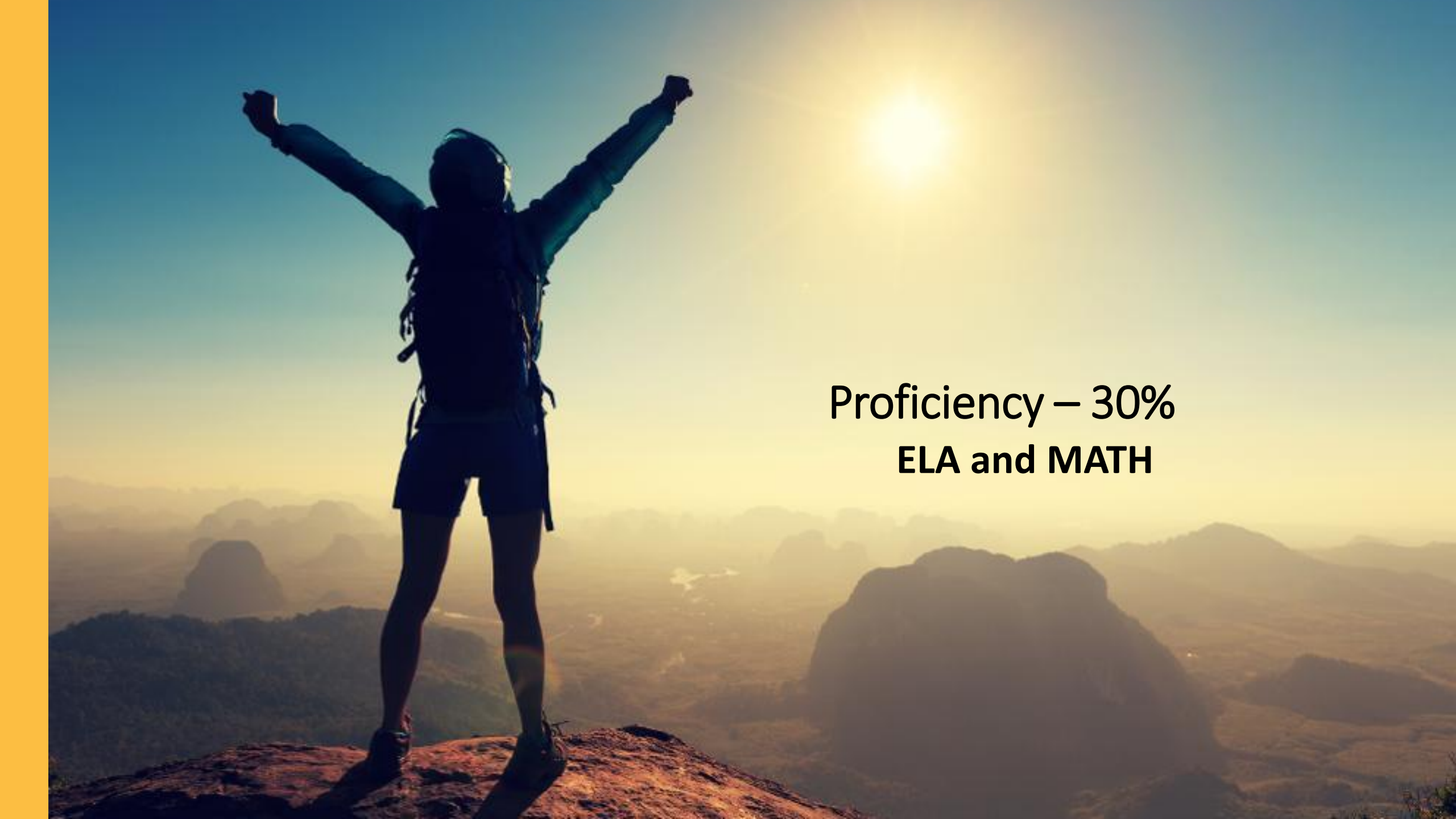
# K-8 Model



# K-8 Model

Category	Component	Weight	Points/ Percentage
Proficiency	AzMERIT, EOC, MSAA, ELA & Math	30%	30
Growth	SGP/SGT on ELA and Math	25% + 25%	50
EL	EL Proficiency on AZELLA EL Growth on AZELLA	5% + 5%	10
Acceleration/ Readiness	<ul style="list-style-type: none"> <li>Grade 5,6,7,8 HS End of Course tests               <ul style="list-style-type: none"> <li>Chronic Absenteeism</li> </ul> </li> <li>Subgroup Improvement               <ul style="list-style-type: none"> <li>SPED Inclusion</li> </ul> </li> <li>Reduction of Grade 3 ELA Minimally Proficient</li> </ul>	10%	10

*BONUS POINTS:* Schools can also receive up to five bonus points through special education enrollment and science proficiency

A silhouette of a person standing on a rocky mountain peak with their arms raised in a 'V' shape, celebrating. The person is wearing a backpack and shorts. The background features a vast landscape of rolling hills and mountains under a bright, hazy sky with the sun low on the horizon, creating a warm, golden glow. The overall mood is one of achievement and triumph.

**Proficiency – 30%**  
**ELA and MATH**

# Proficiency – 30%

## ELA and MATH

- Minimum of 10 FAY students
- Weighted so FAY students with higher proficiency is worth more
- Higher of duplicate tests is used
- 5-8<sup>th</sup> grader that took the HS Alg I, Alg II or Geometry course is included (for 2019)
- If below 95% tested this will negatively affect this score
- Calculated two ways so the best score is utilized:
  1. Weighted so FAY students with higher prof is worth more *or*
  2. FAY Stability – Consistently enrolled students are weighted higher



# Growth – 50%

## Growth Percentiles and Targets



All FAY students who took the assessment in the current year **and** have a previous year's score.



# Acceleration Readiness - 10%

- Grade 5,6,7,8  
HS End of Course Math
- Reduction in Grade 3 ELA  
Minimally Proficient
- Subgroup Improvement
- Chronic Absenteeism
- SPED Inclusion

K-8 Subgroup Improvement

White

Hispanic

Native American/Alaskan Indian

Asian

African American

Pacific Islander

Two or more Races

English Learner

EL FEP

Special Education

Economically Disadvantaged

Parent in Military (reported in FY 2019 only, no points available)





AZELLA – 10%  
Growth + Proficiency (Reclass Rates)

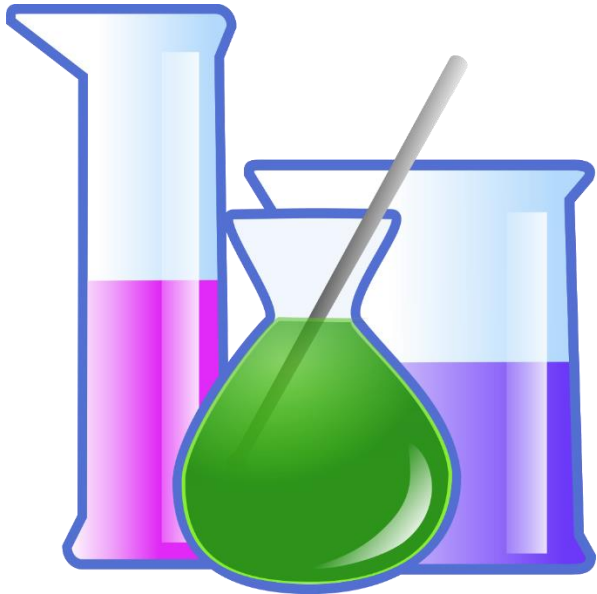


# Bonus Points

*This is a percentage added after your letter grade calculation is completed*

Special Education enrollment is equal to or greater than 80% of the current year state average of FAY students in special education.

Science Proficiency bonus points are 1.5 or 3 pts

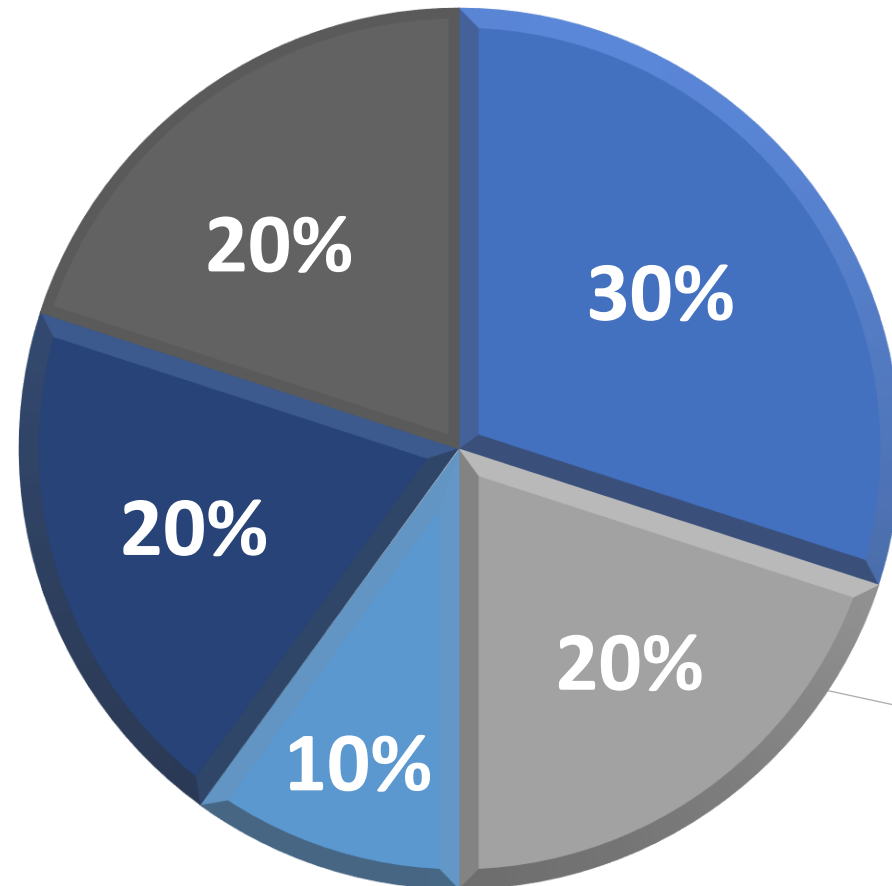




# 9-12 Traditional

# 9-12 Model

- Student Proficiency
- EL Growth/Proficiency
- College and Career Readiness
- Subgroup Improvement
- Graduation Rate

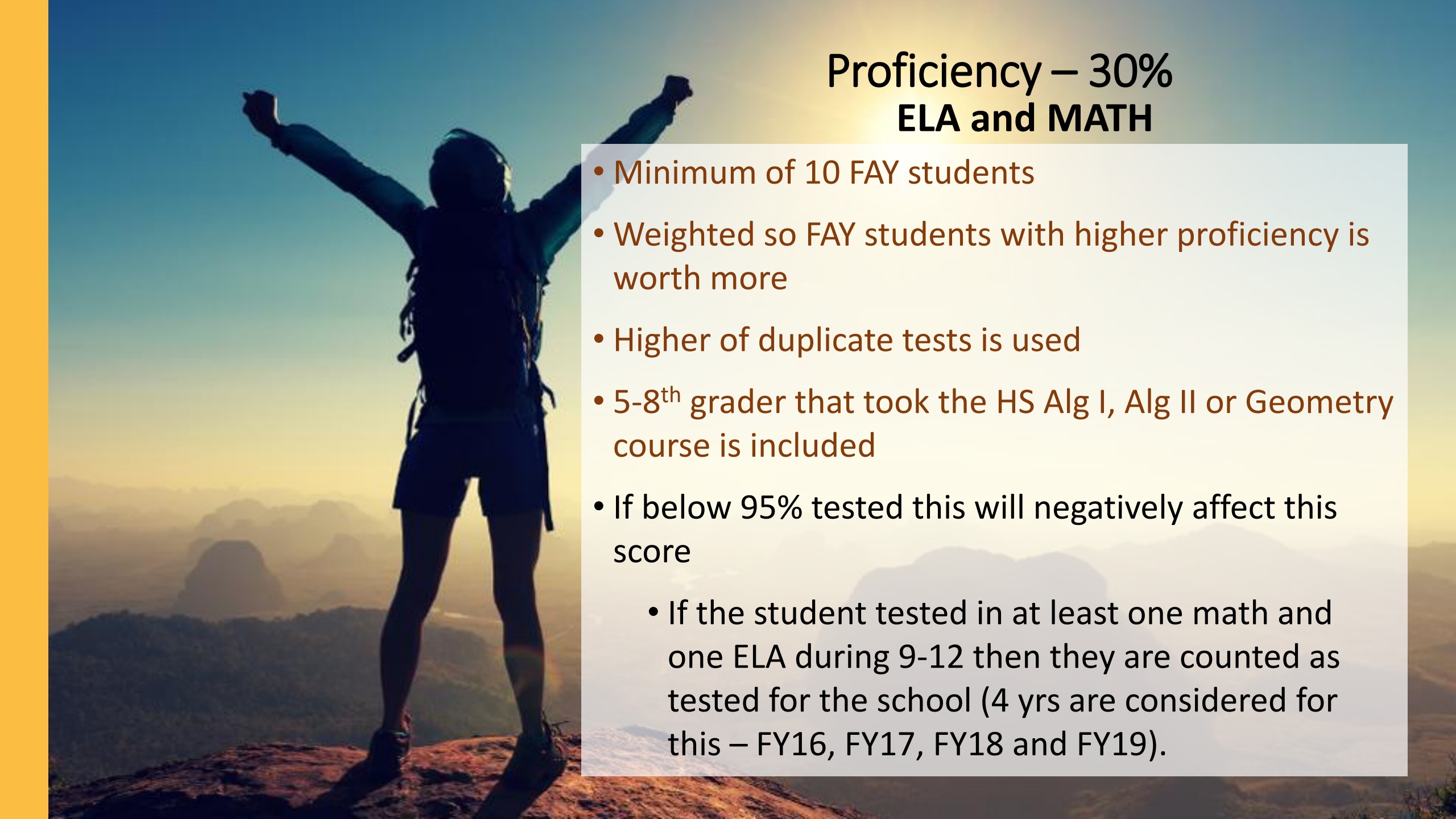


SGP/SGTs are out and  
Subgroup Improvement  
has replaced it for growth

## 9-12 Model

Category	Component	Weight	Points/ Percentage
Proficiency	AzMERIT, MSAA, MoA ELA & Math	30%	30
Subgroup Improvement	Subgroup Proficiency Subgroup Graduation Rate Subgroup Dropout Rate	10% + 5% + 5%	20
EL	EL Proficiency on AZELLA EL Growth on AZELLA	5% + 5%	10
College and Career Readiness	Student Level Scoring (e.g. SAT, ACT, CTE, AP Courses, and AzMERIT)	20%	20
Graduation Rate	4-Year, 5-Year, 6-Year and 7-Year Improvement/Maintenance of 4-Year Grad Rates	5% + 4% = 2.5% + .5% + 10%	20

**BONUS POINTS:** Schools can also receive up to 6 bonus points through special education enrollment, CCRI and science proficiency

A silhouette of a person standing on a rocky peak with their arms raised in a 'V' shape, symbolizing achievement or triumph. The background is a warm sunset or sunrise over a mountain range, with the sun low on the horizon creating a golden glow. The person is wearing a backpack and shorts.

## Proficiency – 30% ELA and MATH

- Minimum of 10 FAY students
- Weighted so FAY students with higher proficiency is worth more
- Higher of duplicate tests is used
- 5-8<sup>th</sup> grader that took the HS Alg I, Alg II or Geometry course is included
- If below 95% tested this will negatively affect this score
  - If the student tested in at least one math and one ELA during 9-12 then they are counted as tested for the school (4 yrs are considered for this – FY16, FY17, FY18 and FY19).

# Subgroup Improvement – 20%



## Subgroup Proficiency (10pts)

- maintain or improve partially proficient or above for each subgroup to receive points
- need at least 10 FAY students in both years



## Subgroup Graduation (5pts)

- maintain or improve 90% or higher 4 year graduation rate for each subgroup to receive points
- need at least 10 students in both years

## Subgroup Dropout Reduction (5pts)

- reduced or maintained dropout rate lower than 100%
- need at least 10 students in both years



## Graduation Rate – 20%



## Multiple Cohort Graduation Rate – 10% (Up to 10 pts)

- 4-Year, 5-Year, 6-Year and 7-Year
- Increasingly more emphasis is given to schools on the 4, 5 and 6yr graduation rates (respectively)

## Improvement of 4-Year Graduation Rate – 10% (5 or 10 pts)

- 4-Year graduation rate is 90% or higher
- The improvement from prior year is greater than 2 points
- The difference from prior year is between -2 points to 2 points increase

## College and Career Ready – 20%

- Self-reported by schools through ADEConnect
- Need at least 10 students in the 2019 Cohort
- Enrolled by Oct. 1 through May 1

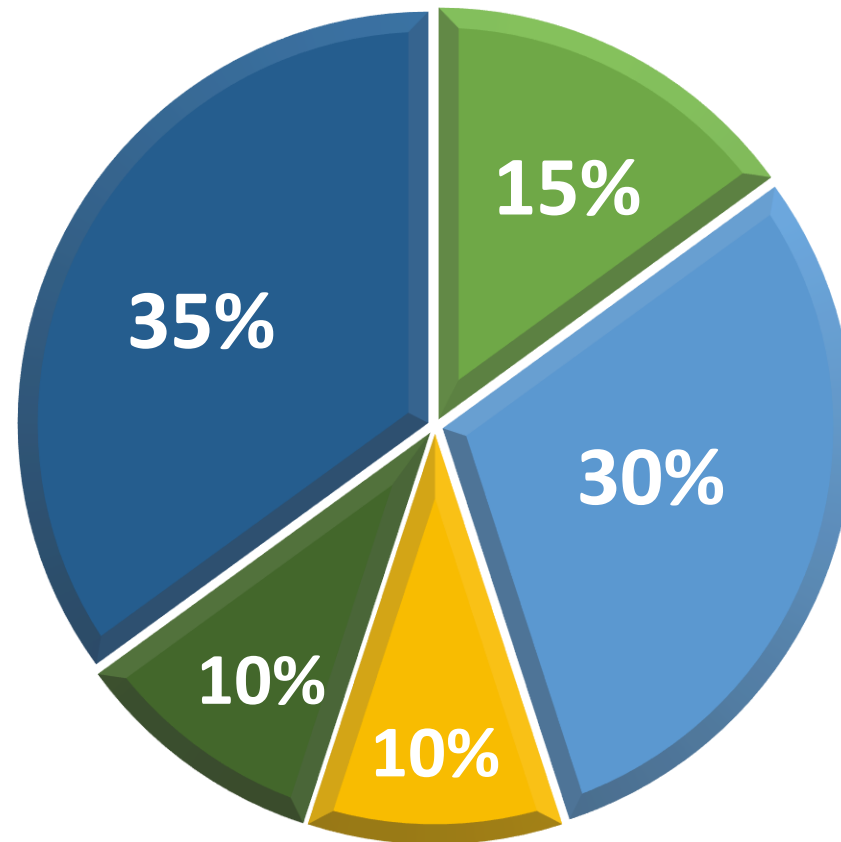
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Bonus Points are the same as the K-8 model with one addition for CCRI – post-secondary/military enrollment

# 9-12 Alternative

# 9-12 ALTERNATIVE SCHOOLS INDICATOR WEIGHTS

- Student Proficiency
- Growth to Graduation
- Graduation Rate
- EL Growth/Proficiency
- College and Career Readiness



# 9-12 Alternative School Model

Category	Component	Weight	Points/ Percentage
Proficiency	AzMERIT ELA 9, ELA 10 and Algebra I, Geometry, MSAA ELA & Math, and Approved Menu of Assessment Exams	15%	15
Growth to Graduation	Academic Persistence, Credit Earned and On-Track to Graduate	30%	30
EL	EL Proficiency on AZELLA EL Growth on AZELLA	5% + 5%	10
College and Career Readiness	Multiple Items with Various Weights	35%	35
Graduation	4-Year, 5-Year, 6-Year and 7-Year	10%	10

*BONUS POINTS:* Schools can also receive up to 6 bonus points for 4-year and 5-year graduation increase.



# 9-12 Alternative School Model

## 15% PROFICIENCY

- AzMERIT ELA 9
- AzMERIT ELA 10
- MSAA ELA
- AzMERIT Algebra 1
- Geometry
- MSAA Math
- SAT or ACT

## GROWTH TO GRADUATION

## 30%

- **Persistence** (10pts) – consistent enrollment from prior year to current in any AZ public school
- **Credits Earned** (10pts) - remaining credits toward graduation *or* greater than or equal to 4.5 credits earned of those in attendance at least 80 days
- **On-Track to graduate** (10pts) - enrolled by Jan 31, 3 SBE required graduation credits which includes one math credit or graduated by Jan 30.



## Graduation Rate

- Best of 4-Yr, 5-Yr, 6-Yr or 7-Yr Graduation rate
- ## 10%

## College and Career Readiness

## 35%

- Schools self-report from a list of students' accomplishments
- These are students who graduated in the FY or are on-track to graduate

## EL Proficiency and Growth

## 10%

- Number proficient
- Movement toward proficiency from one level to another

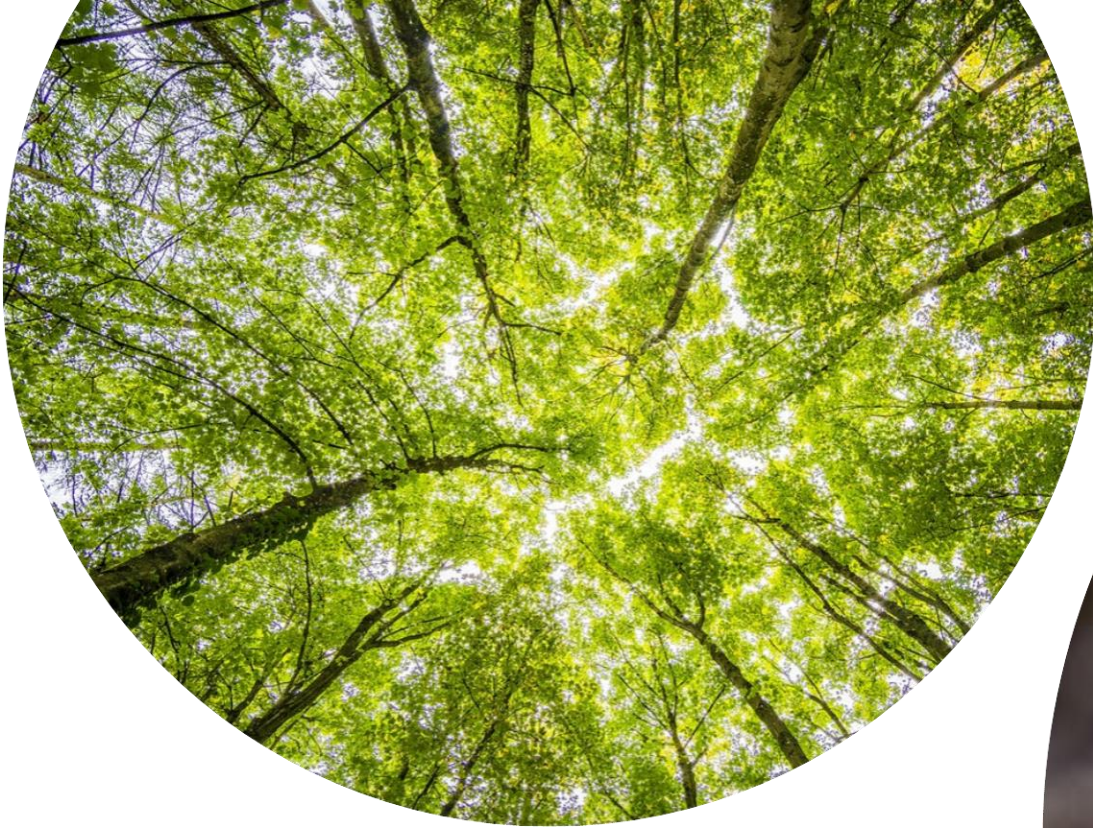
*BONUS POINTS:* Schools can also receive up to 6 bonus points for 4-year and 5-year graduation increase.



# Deeper Dive

## EL Proficiency and Growth

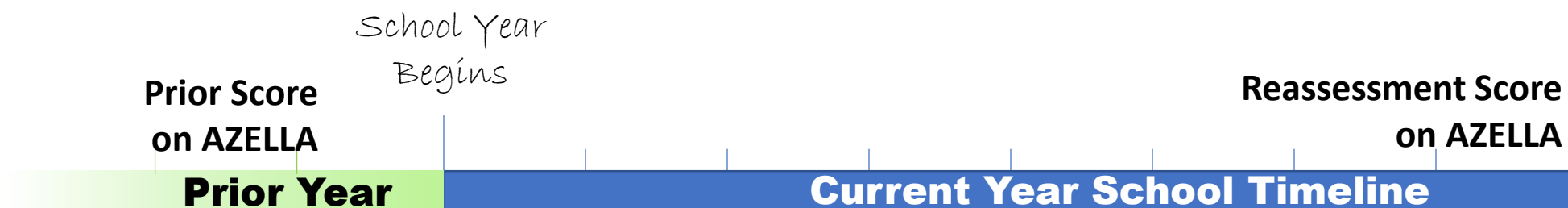




EL Growth + Proficiency – 10%

# Eligible Students

*The students with an EL need in the current year and prior year and stayed at the same school through the AZELLA testing window.*

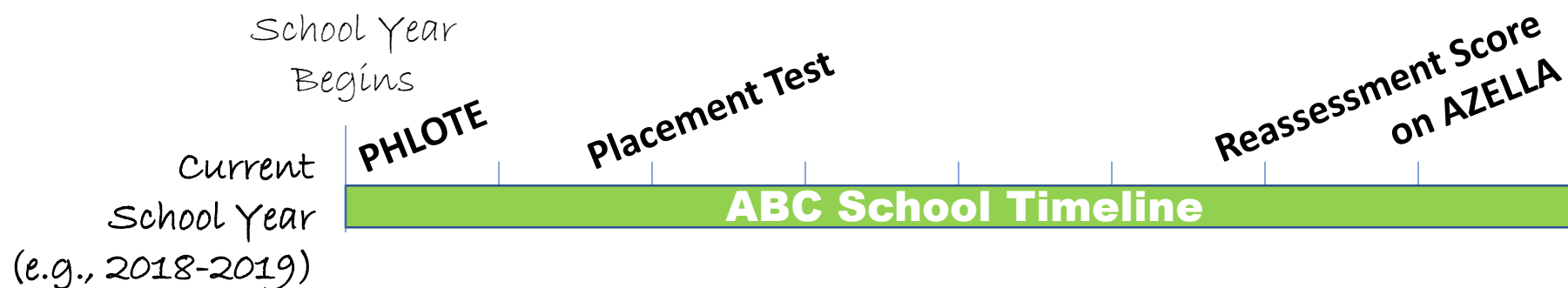


*Schools must have at least 10 EL FAY students to be eligible for EL points*



# Eligible Students

*Newly enrolled students with a Placement test by October 1<sup>st</sup> and a Spring Reassessment in the same year.*



# Eligible Students

*Kindergarten students with a Placement test by January 1<sup>st</sup> and a Spring Reassessment in the same year.*



# EL Proficiency – Number Proficient

*Step 1*



*Step 2*

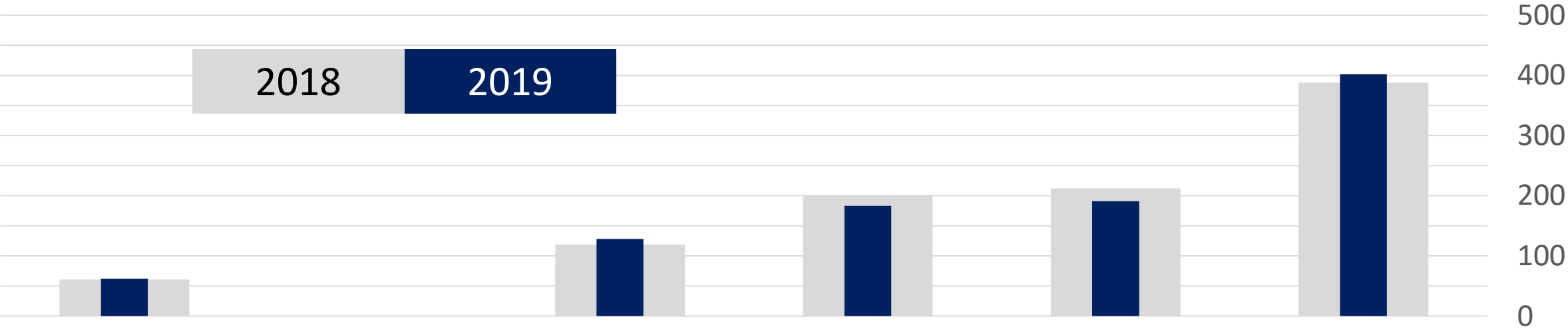


*Step 3*

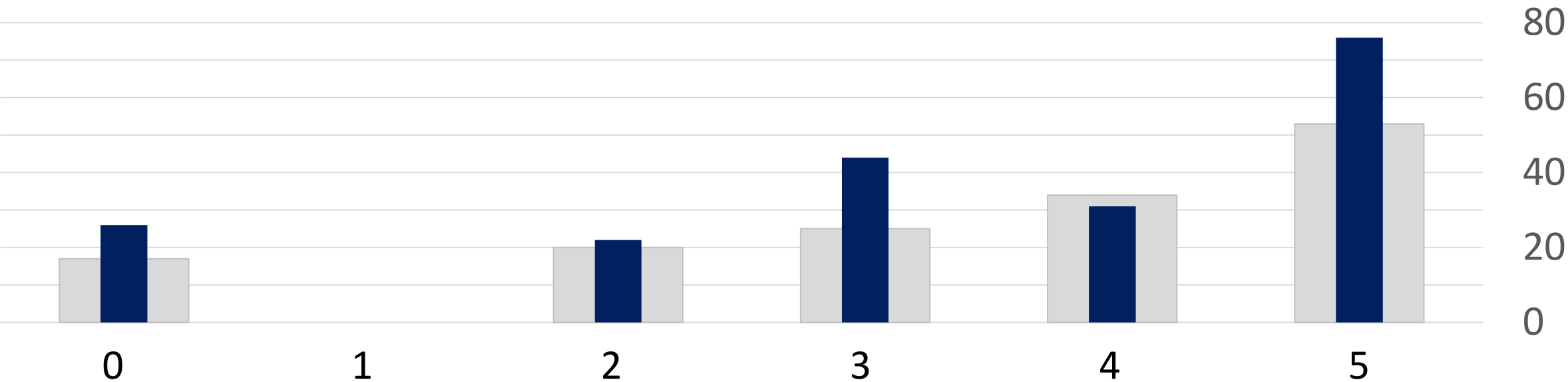
*0-5pts*

\*Schools Must Have at Least 10 EL FAY Students to be Eligible for EL Points

K-8 EL Proficiency Points: 2018 vs 2019

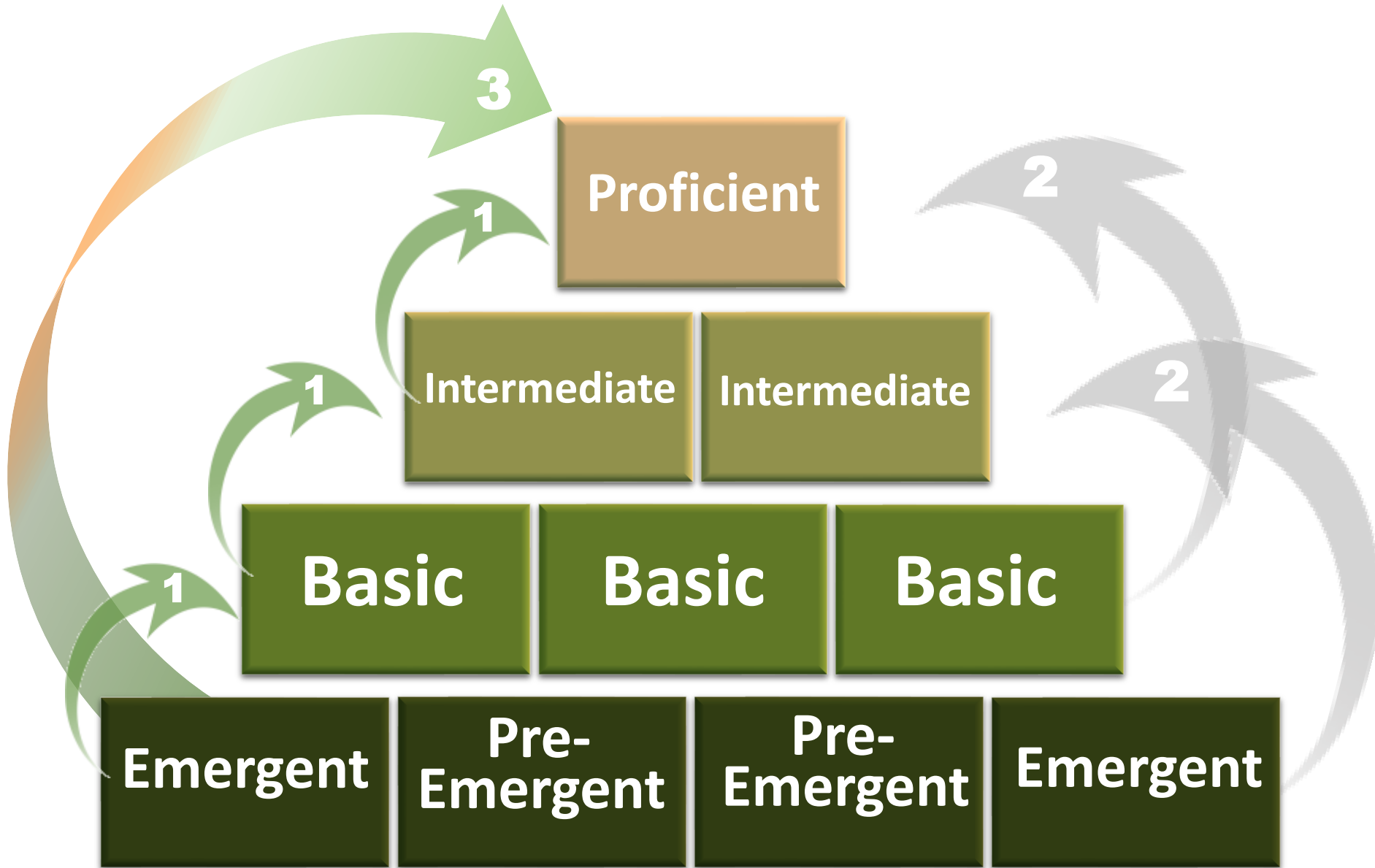


9-12 EL Proficiency Points: 2018 vs 2019





# EL Growth – One Level to the Next



# EL Growth – One Level to the Next

*Step 1*



*Step 2*

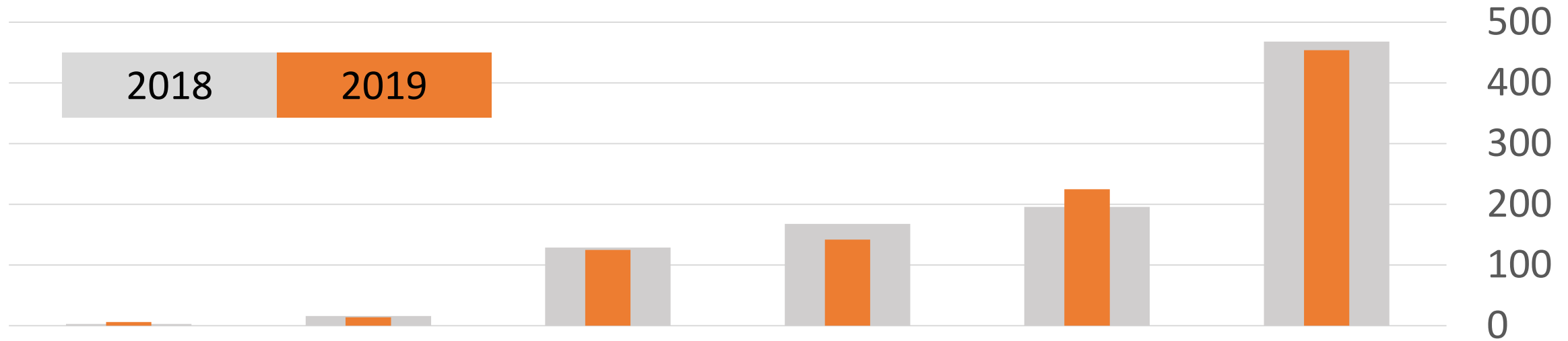


*Step 3*

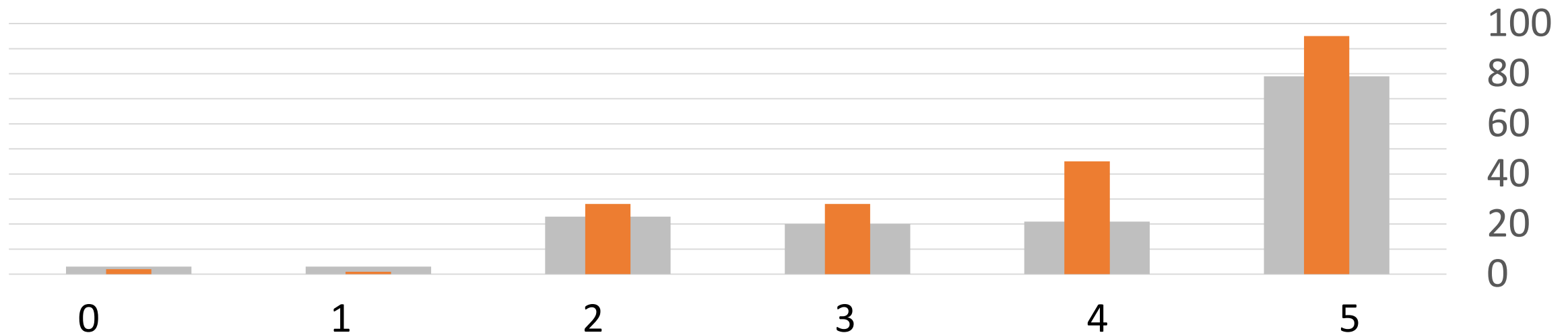
*0-5pts*

\*Schools Must Have at Least 10 EL FAY Students to be Eligible for EL Points

## K-8 EL Growth Points: 2018 vs 2019



## 9-12 EL Growth Points: 2018 vs 2019



A photograph of a child playing in a sandbox. The child is wearing a grey long-sleeved shirt and patterned pants. A pink bucket is tipped over on the sand, and a green bucket is nearby. The word "Scenarios" is written in blue text on the right side of the image.

## Scenarios



## Scenario 1:

Student 1 enrolls at School A on the first day of the school year. The student remains enrolled until Monday September 16<sup>th</sup> and then withdraws to attend School B. The student enrolls at School B on Tuesday September 17<sup>th</sup> and stays enrolled until Friday September 20<sup>th</sup>. The student then decides to re-enroll at School A on Monday September 23<sup>rd</sup>. The student remains enrolled until Friday May 15<sup>th</sup>.

Is this student EL FAY?

## Scenario 2:

Student 2 enrolls for the first time in Arizona in third grade at School C on the second day of school. The student is administered an AZELLA placement exam on October 15<sup>th</sup>. The student tests less than proficient and is enrolled in EL Services. The student remains enrolled at School C through the end of the school year.

Is this student included in EL Growth calculations?

### Scenario 3:

Student 3 enrolls in Kindergarten at School D on the sixth day of school. The student is administered an AZELLA Placement exam on November 5<sup>th</sup> and tests less than proficient and is enrolled in EL Services. The student is enrolled at School D until Monday May 4<sup>th</sup>.

Is this student included in EL Proficiency and Growth calculations?

## September (mid-month):

- A-F Static File released
- Aggregated score for K-8, 9-12, 9-12 Alternative and Non-typical models released
- A-F Cut Score proposals to State Board of Education

## October: A-F Cut Scores adopted by State Board of Education

## November 1 (or before):

- A-F Letter Grades released to the schools and the public
- Appeals

## December:

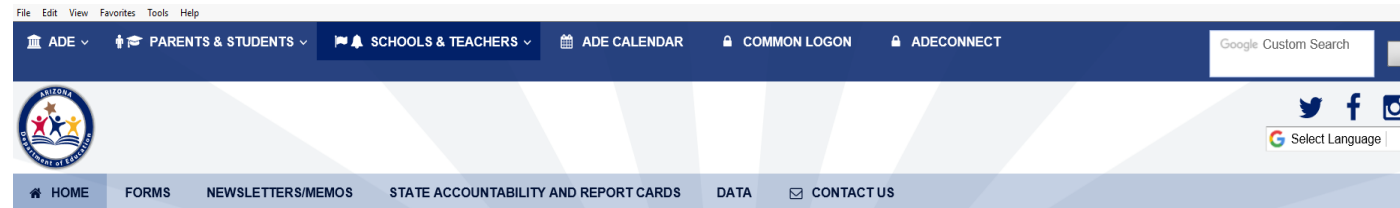
- Appeals
- A-F Letter Grades Finalized



# Business Rules

## The Business Rules are Available Through *The Grader*

- *The Grader* is a Newsletter that is Used to Communicate with Schools
- Available Through the Accountability and Research Webpage



### Accountability & Research

#### Welcome



The Accountability Section aims to measure the growth in quality of Arizona schools and districts by producing timely and reliable accountability determinations as required by state and federal law. The section works closely with Assessments, the State Board of Education, and Research in order to accurately label schools in a fair and systematic manner. Accountability staff support schools, districts, and other stakeholders to refine the system as well as utilize data in an appropriate and effective manner. The Arizona Department of Education Research and Evaluation division conducts research and program evaluation on pertinent issues and programs related to education for the state of Arizona. This involves conducting empirical and qualitative research for various divisions both within and outside of the Agency.

Our goal is to foster ongoing working relationships within the Arizona Department of Education as well as the community at large. We serve the

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- The Grader
- School Report Cards
- A-F Information
- Resources
- Presentations
- Data
- FAQ's



- **Overview**
- **Description of Models**
- **Deep Dive into the EL Proficiency and Growth**
- **Timeline**

**RECAP**

When you leave here you will have seen the current A-F models, know facts that are important to you and perhaps had some fun in the process

## State Board of Education

- Main Phone Line: (602) 542-5057
- <https://azsbe.az.gov/contact-us>
- <https://azsbe.az.gov/f-school-letter-grades>

## Arizona Department of Education

- Main Phone Line: (602) 542-5151
- Main Email: [Achieve@azed.gov](mailto:Achieve@azed.gov)
- <http://www.azed.gov/accountability-research/a-f-resources/>
- <http://www.azed.gov/accountability-research/newslettersmemos/>

# Questions

