



Goal 2 Middle Grades Math

October 8, 2019



Fort Worth
INDEPENDENT SCHOOL DISTRICT

FORT WORTH ISD





Middle Grades Math

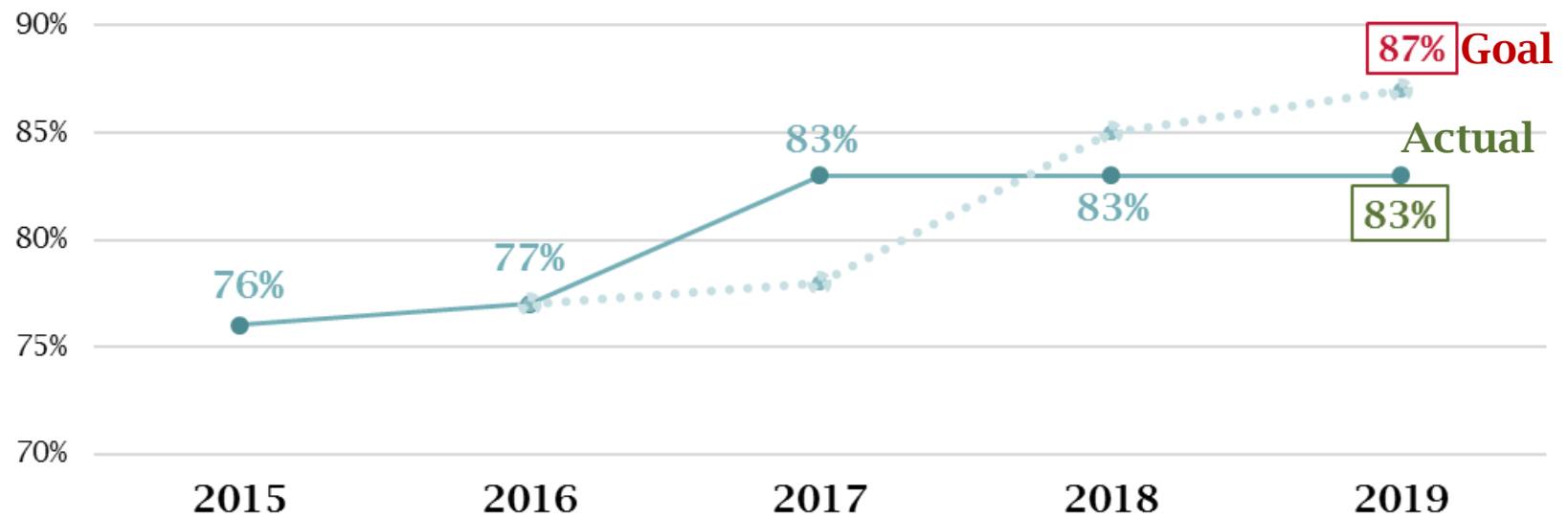
GOAL 2



The percent of students who meet or exceed standard on STAAR Algebra I EOC exam by the end of 9th grade will increase from **77%** to **87%** by **2019**.

Student Outcome Goal #2:

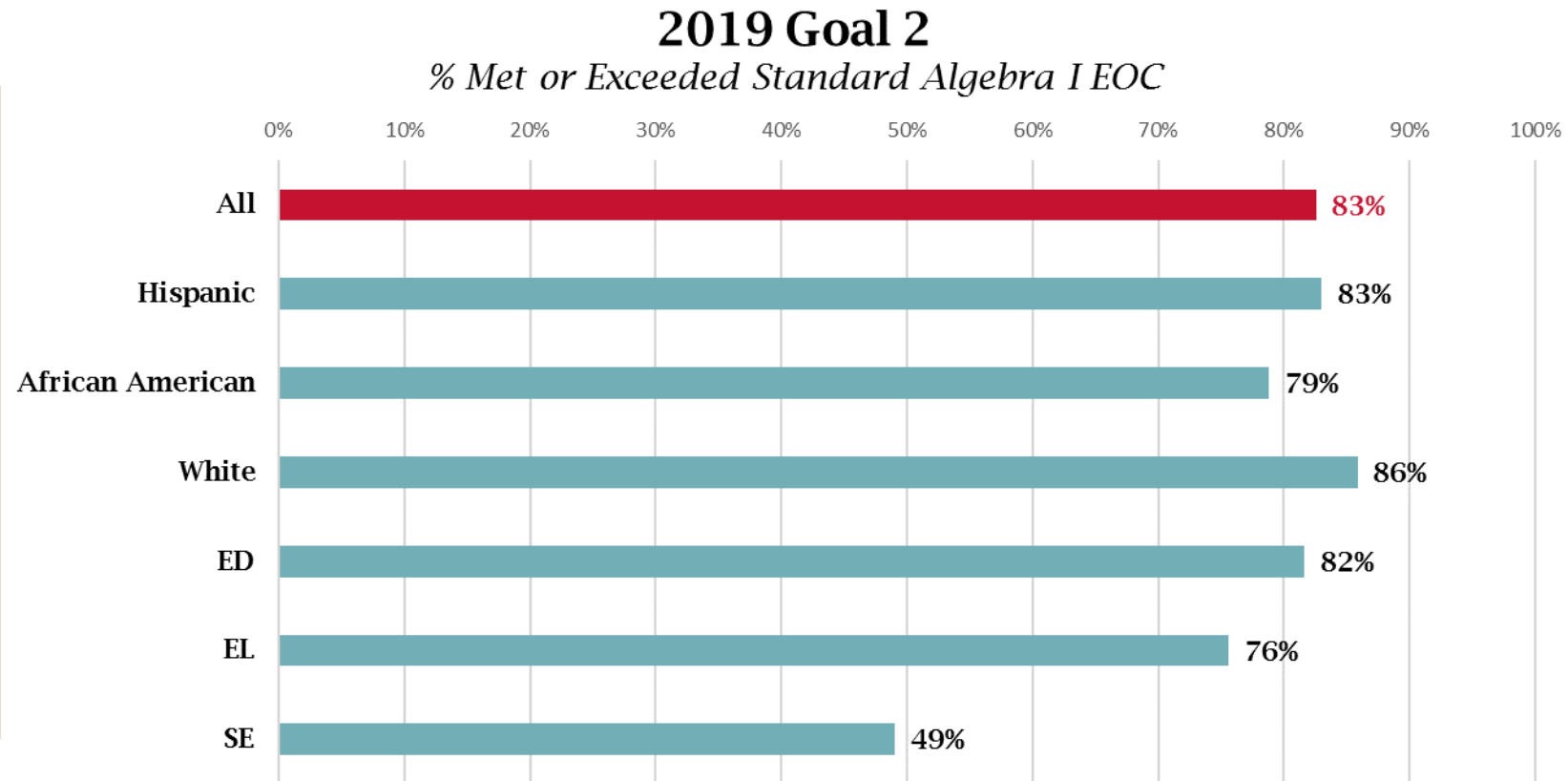
Percent of students who meet or exceed standard on **STAAR Algebra I EOC** exam by the end of grade 9 will increase from **77%** to **87%** by **2019**.



Source: State data file
PEIMS subset applied; includes all test versions

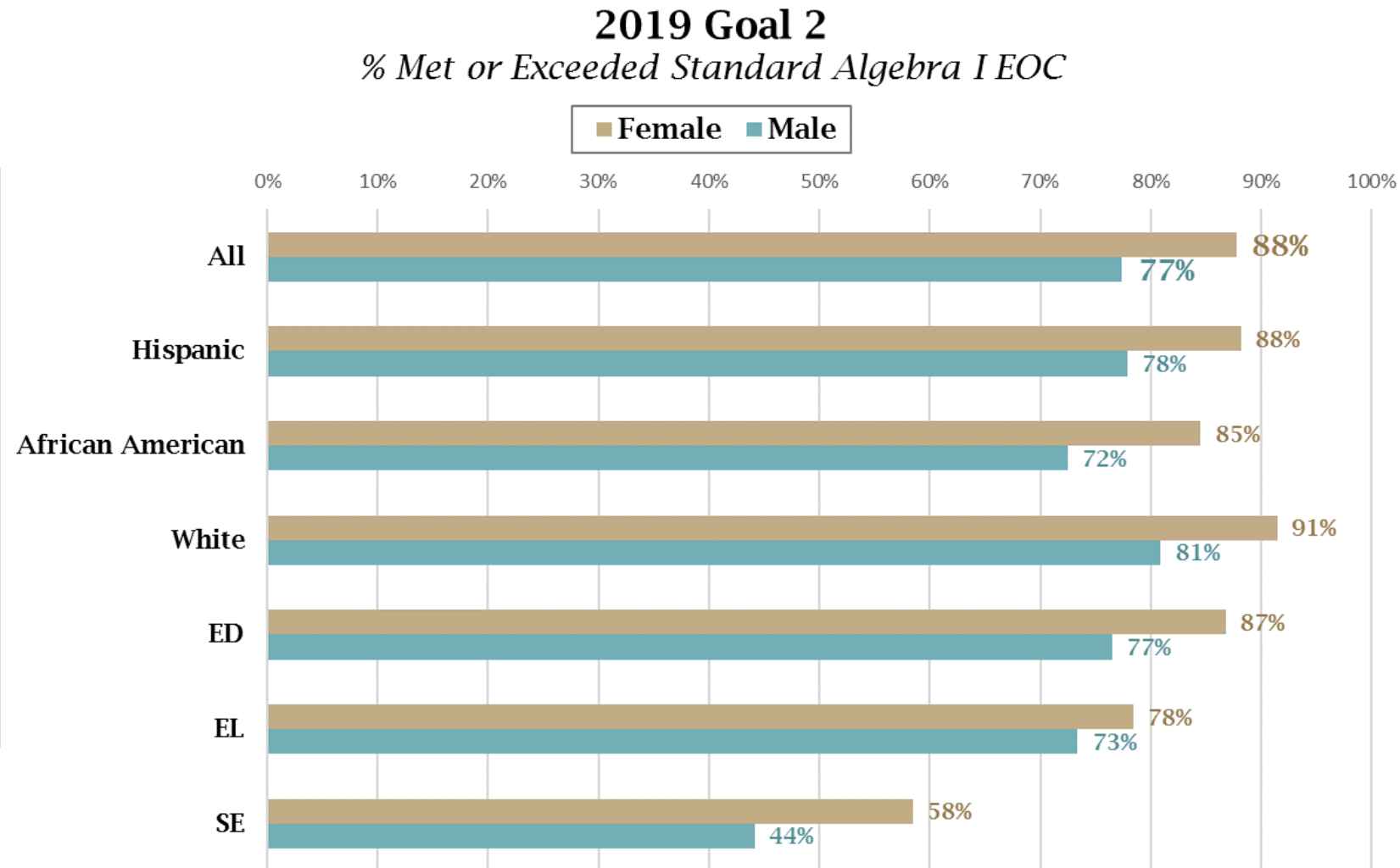
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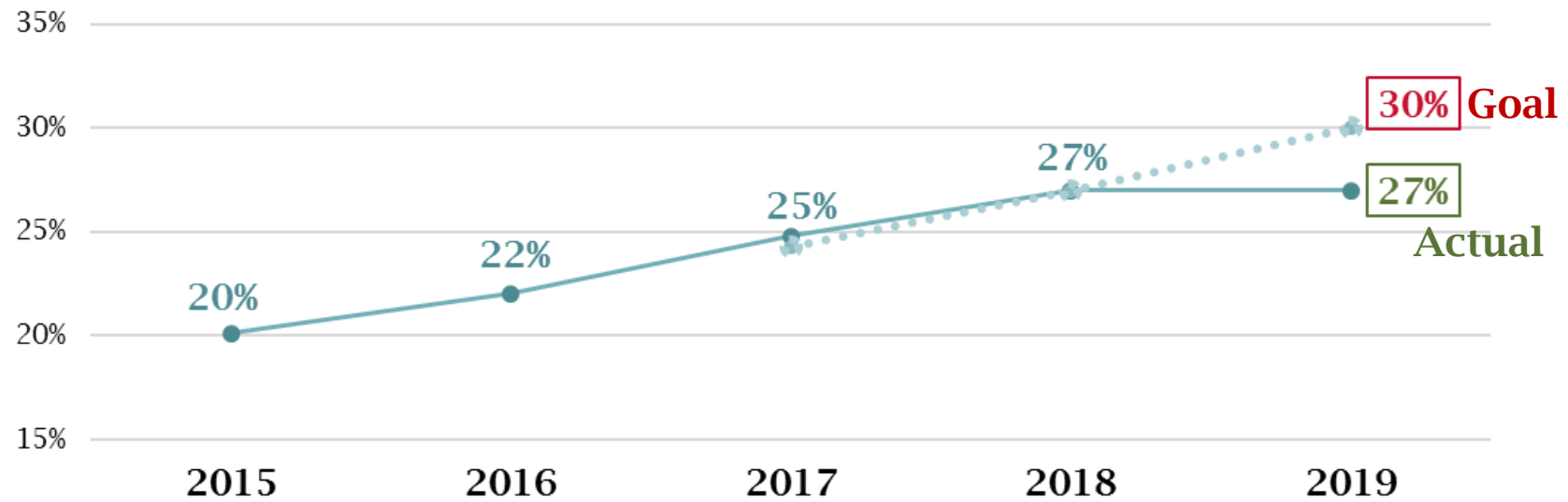


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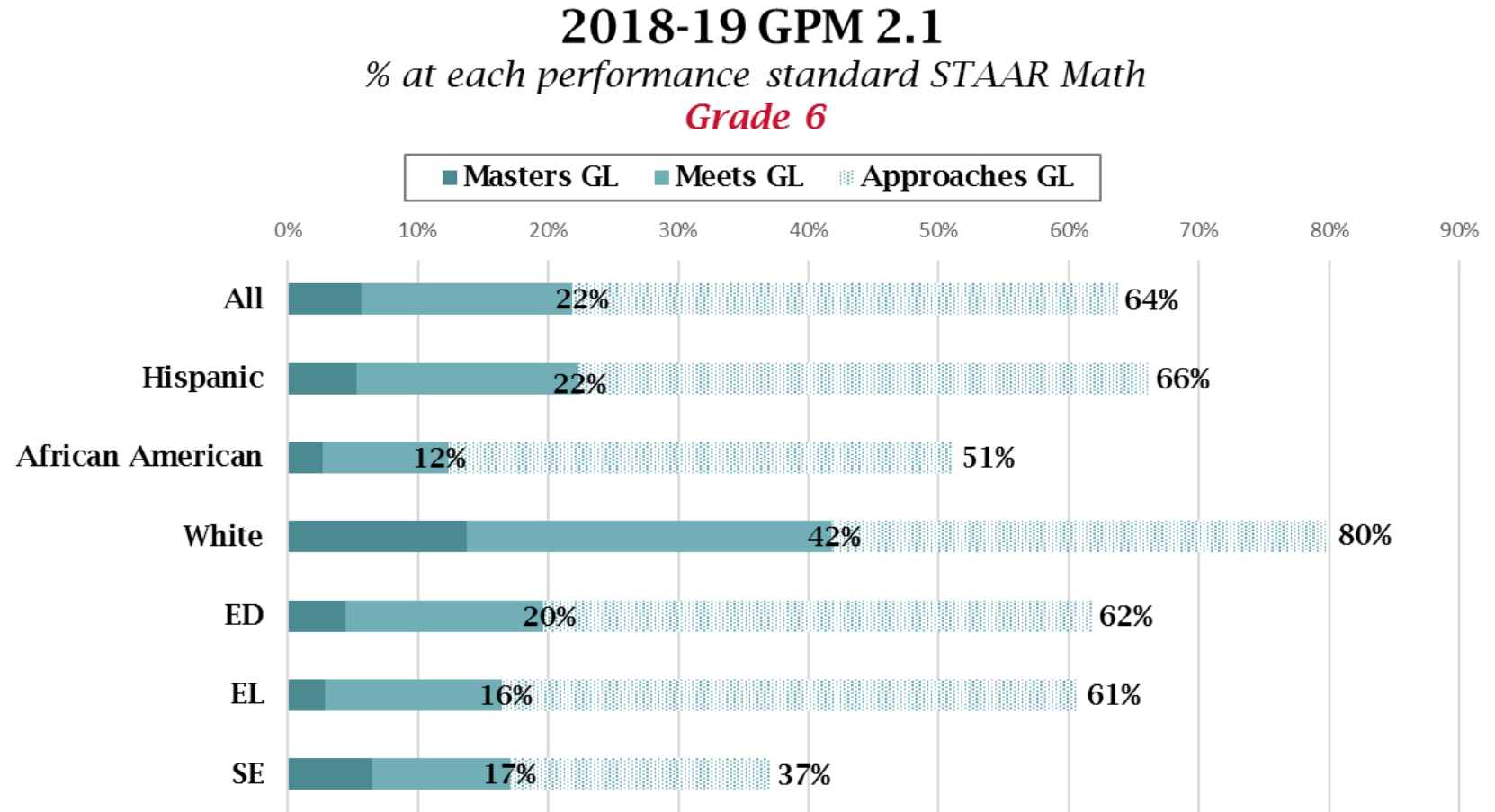


Goal Progress Measure #2.1:
Percent of students in Grades 6-8 performing on or above grade level standard on their STAAR Math assessment will increase from **22%** to **30%** by **2019**.



Source: State data file
PEIMS subset applied; includes all test versions

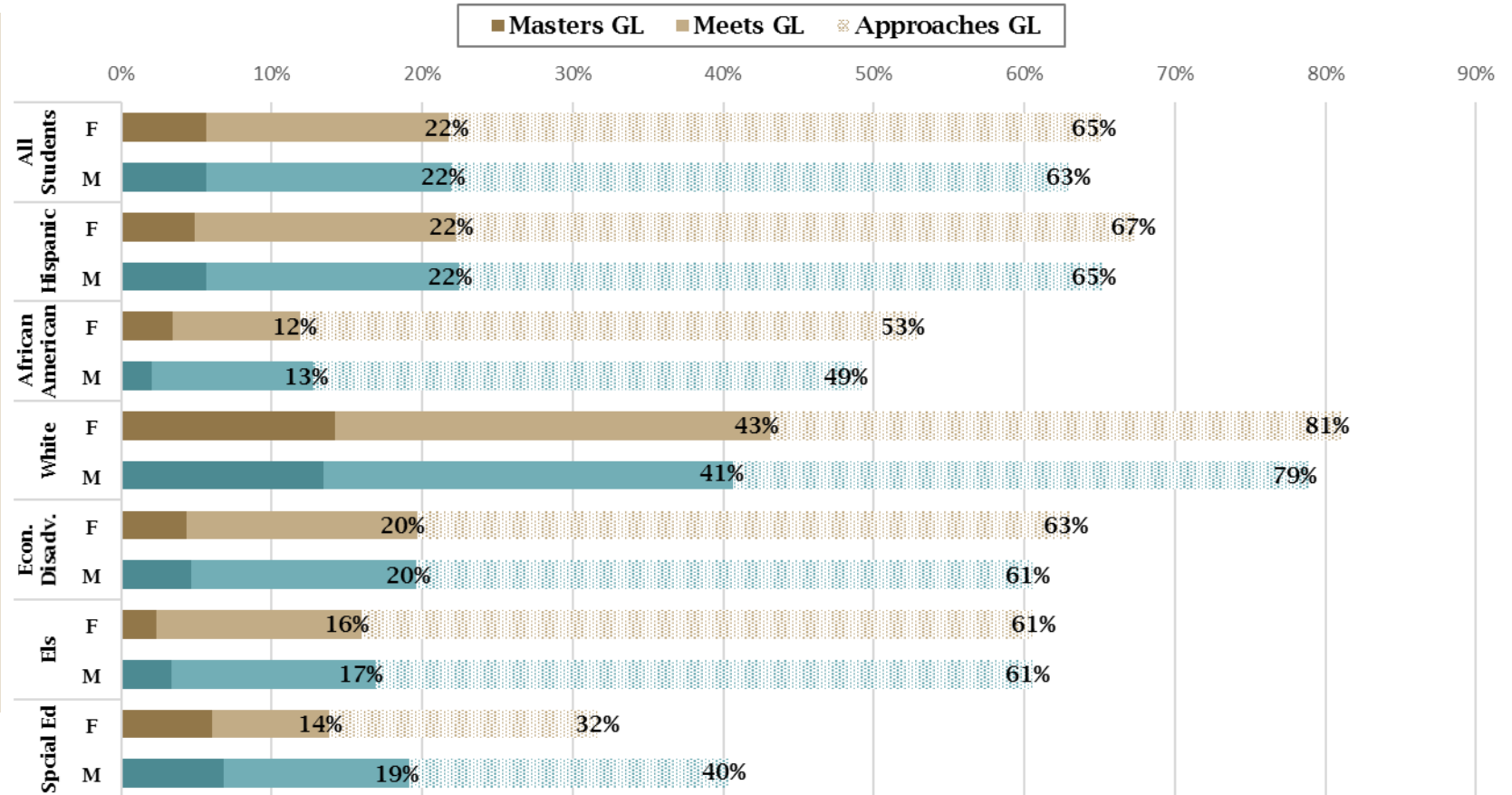
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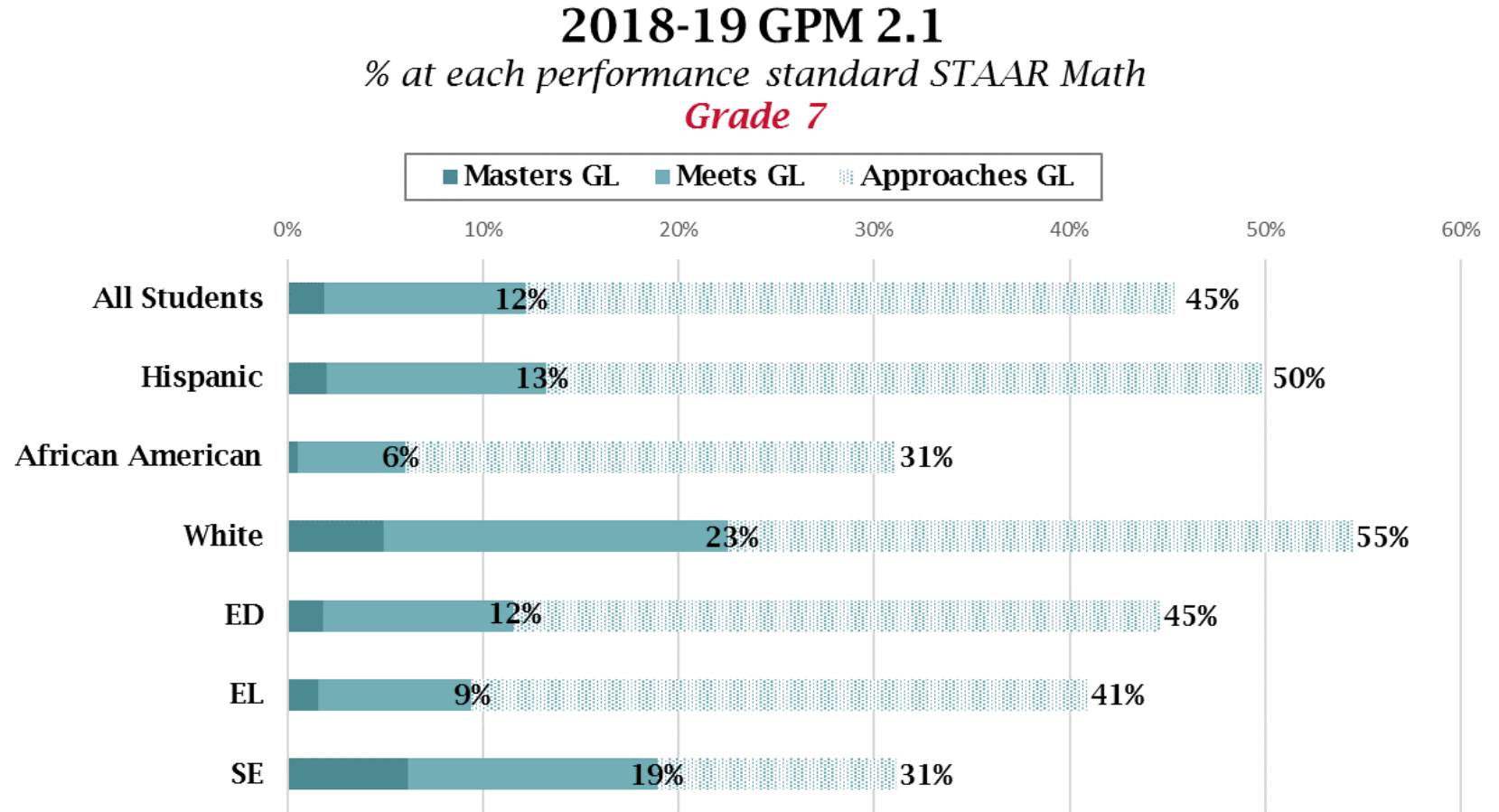
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2018-19 GPM 2.1 % Met Final Standard STAAR Math *Grade 6*

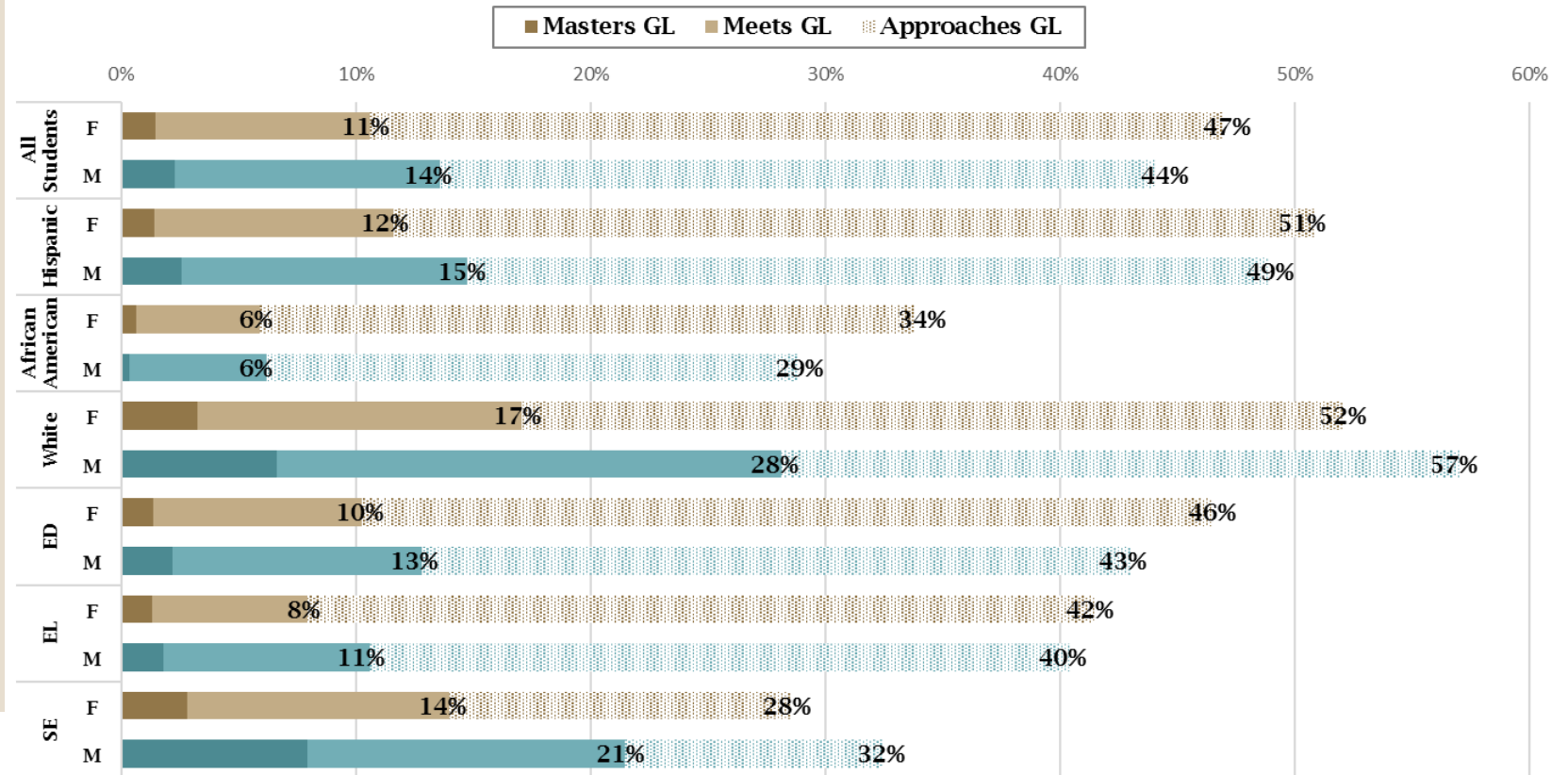


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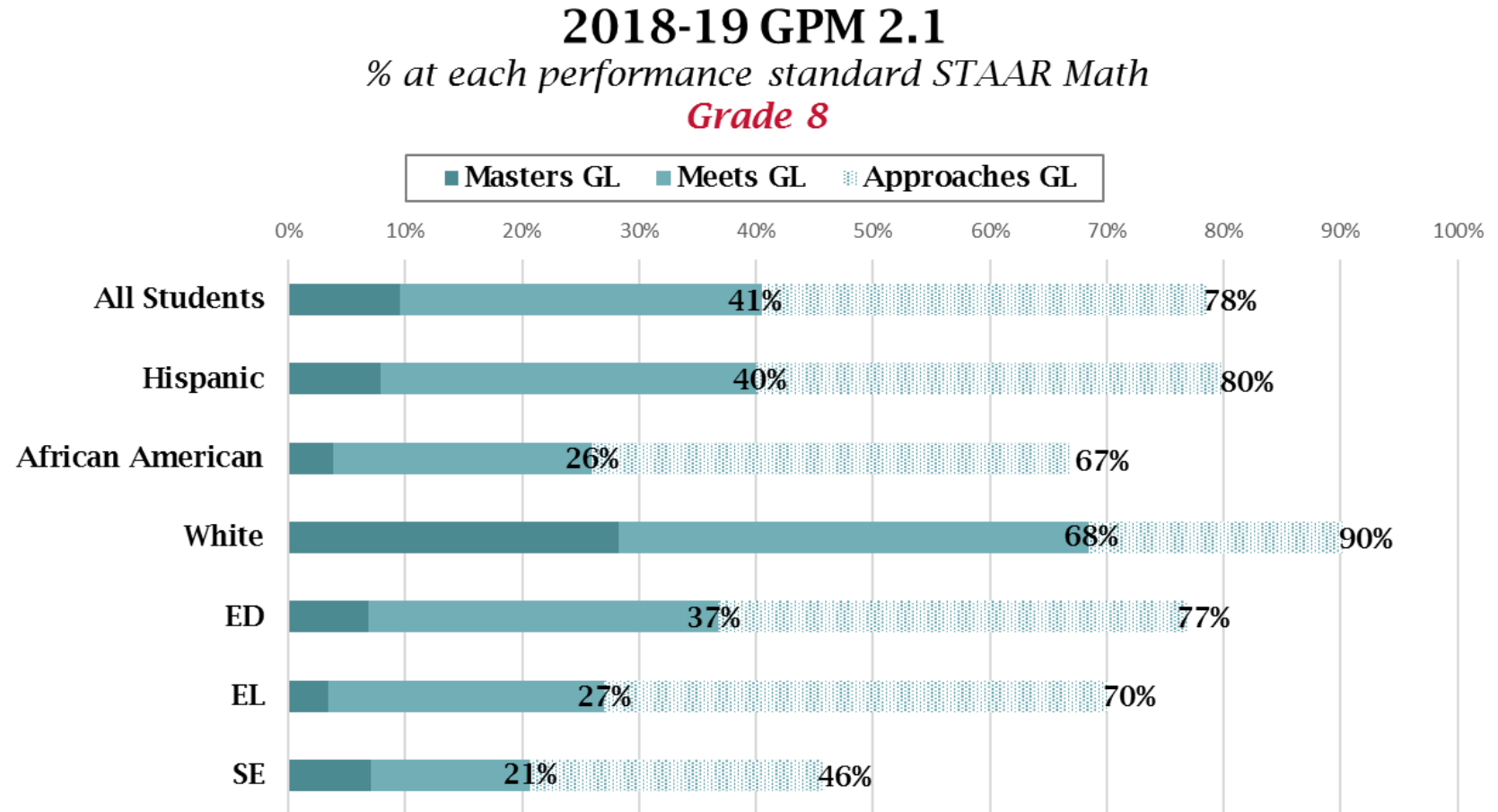


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2018-19 GPM 2.1
% Met Final Standard STAAR Math
Grade 7



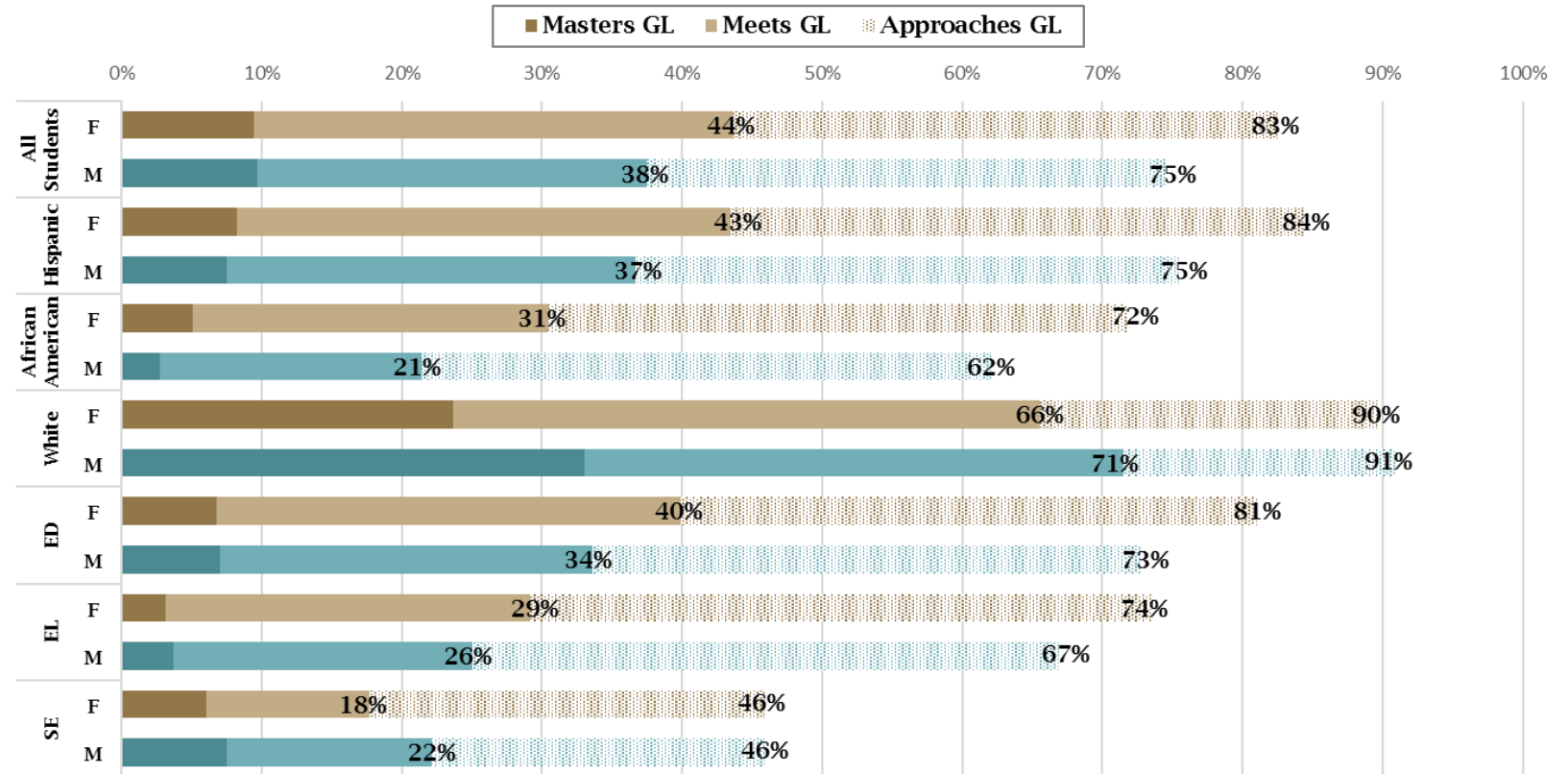
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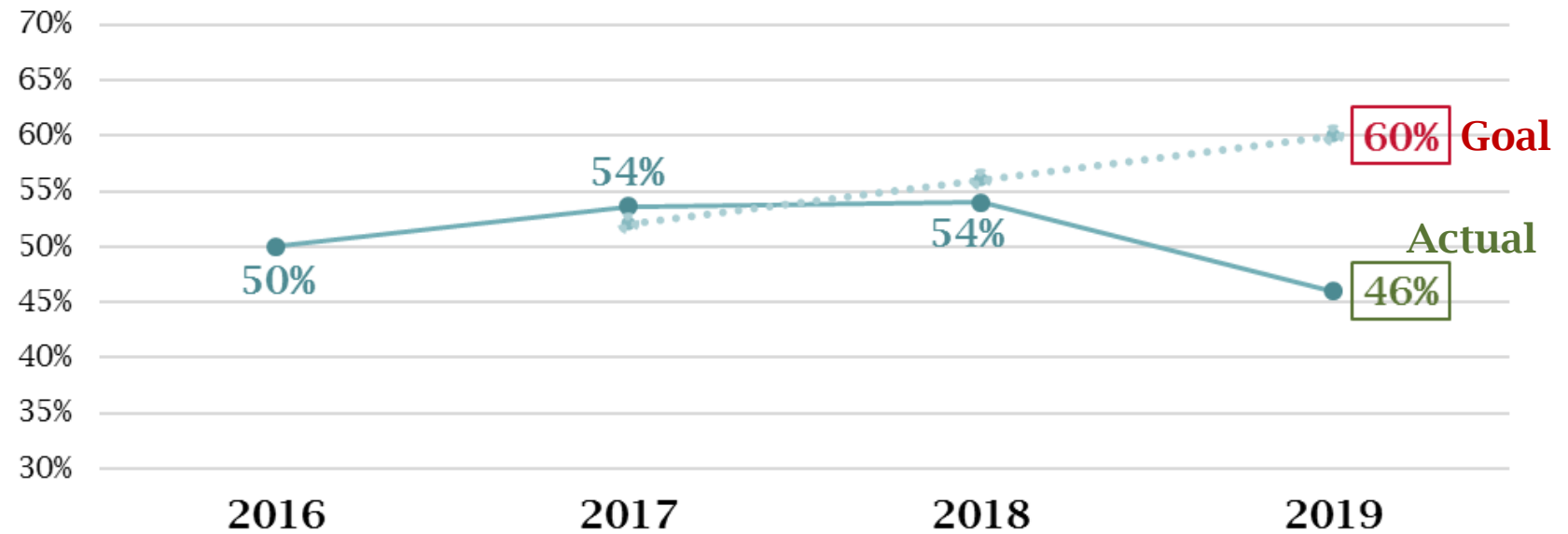
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2018-19 GPM 2.1
% Met Final Standard STAAR Math
Grade 8



Goal Progress Measure #2.2:

Percent of students in Grades 6-8 who meet or exceed progress expectations on STAAR Math assessment will increase from **50%** to **60%** by **2019**.



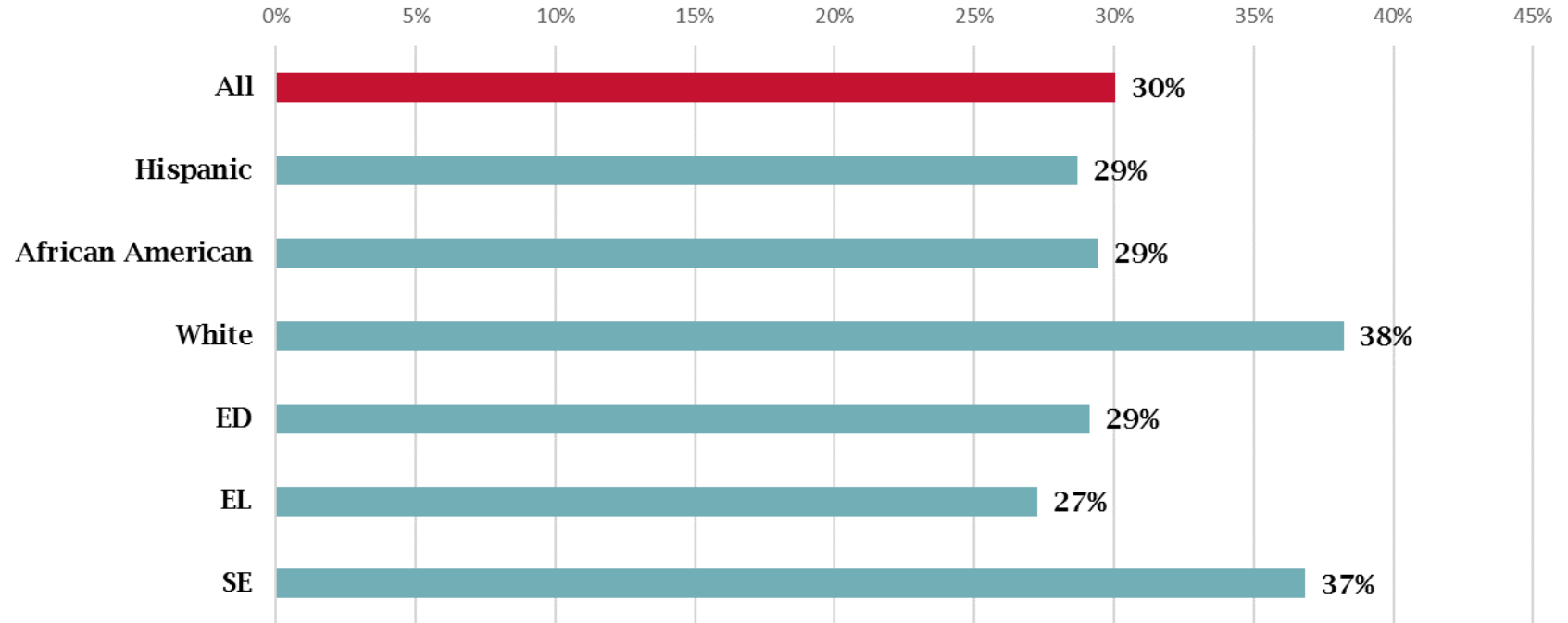
STAAR Progress not calculated for STAAR 3-8 Math before 2016

Source: State data file
PEIMS subset applied; includes all test versions

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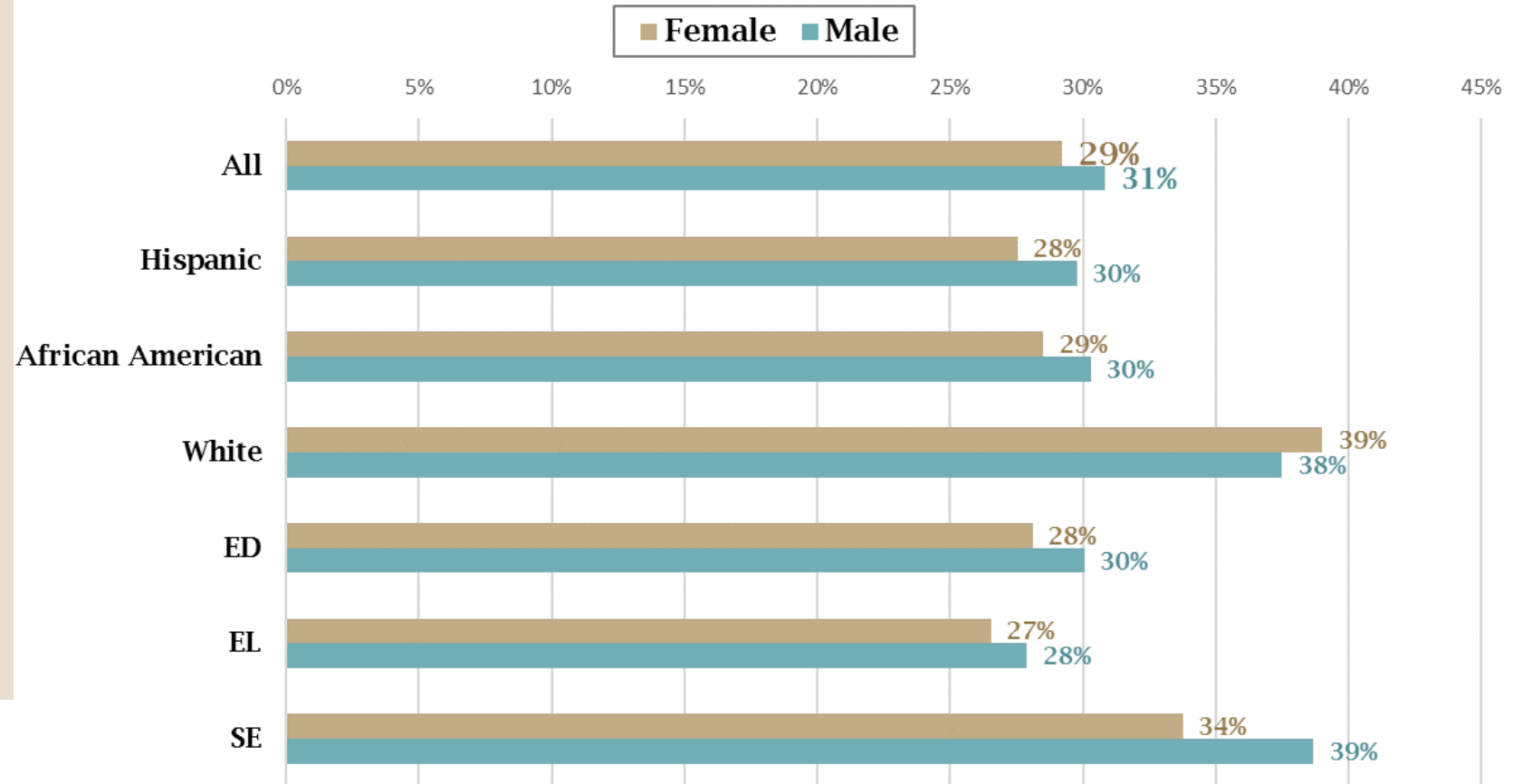
2018-19 GPM 2.2
% Met or Exceeded Progress STAAR Math
Grade 6



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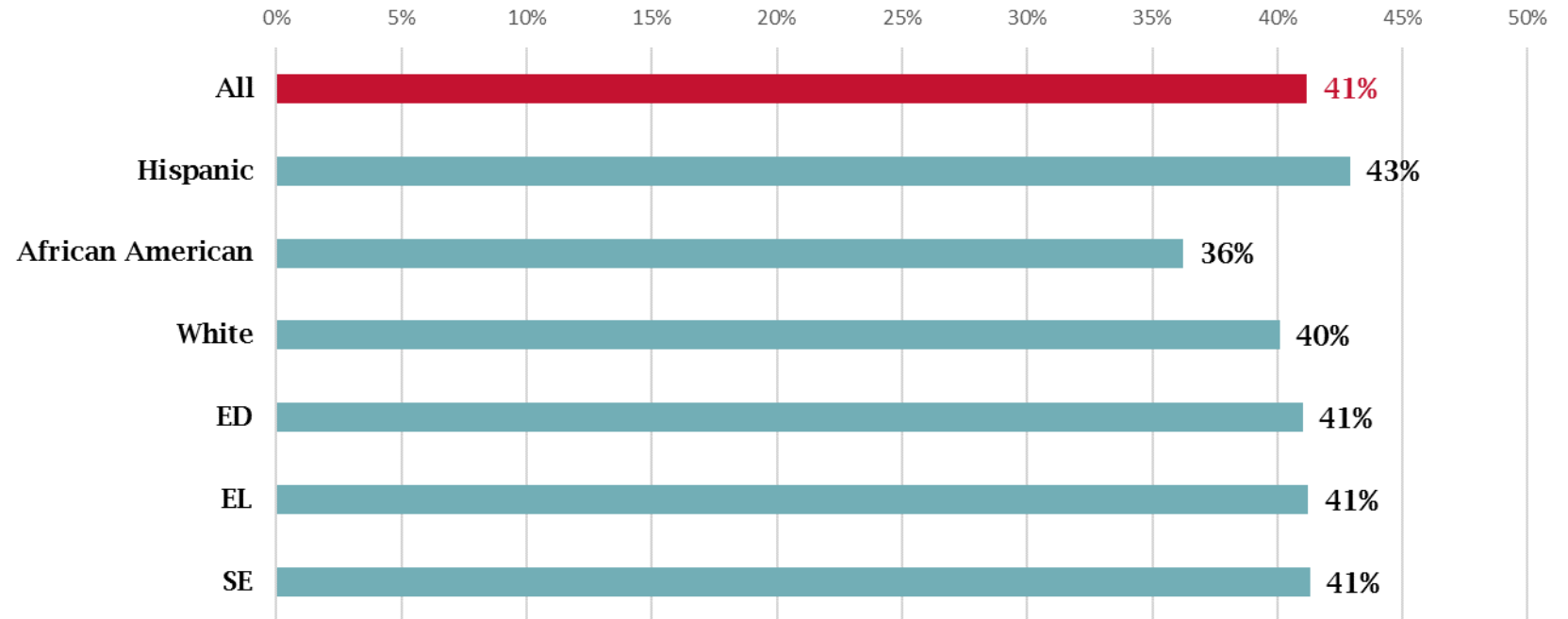
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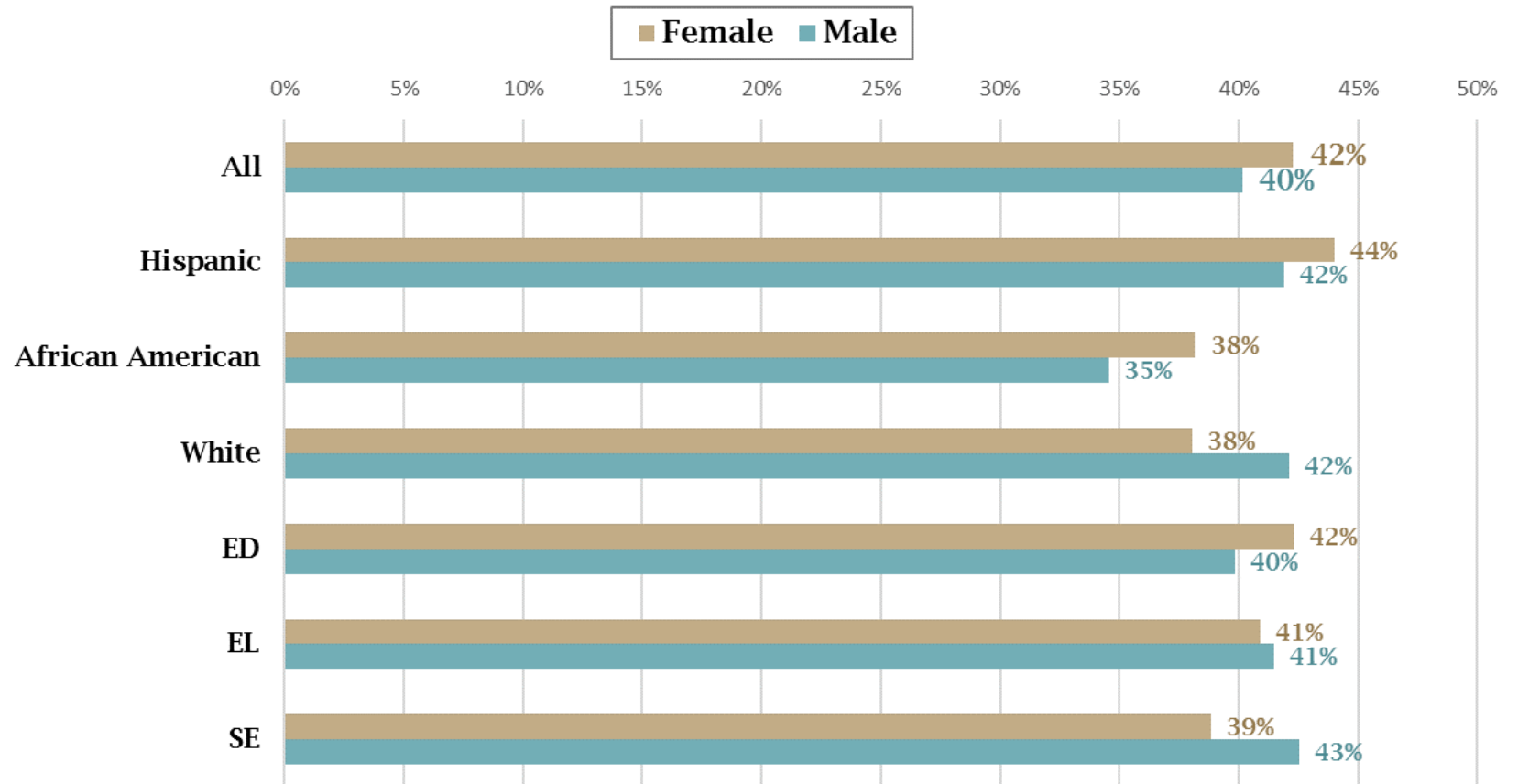
2018-19 GPM 2.2
% Met or Exceeded Progress STAAR Math
Grade 7



Goal Progress Measure #2.2:

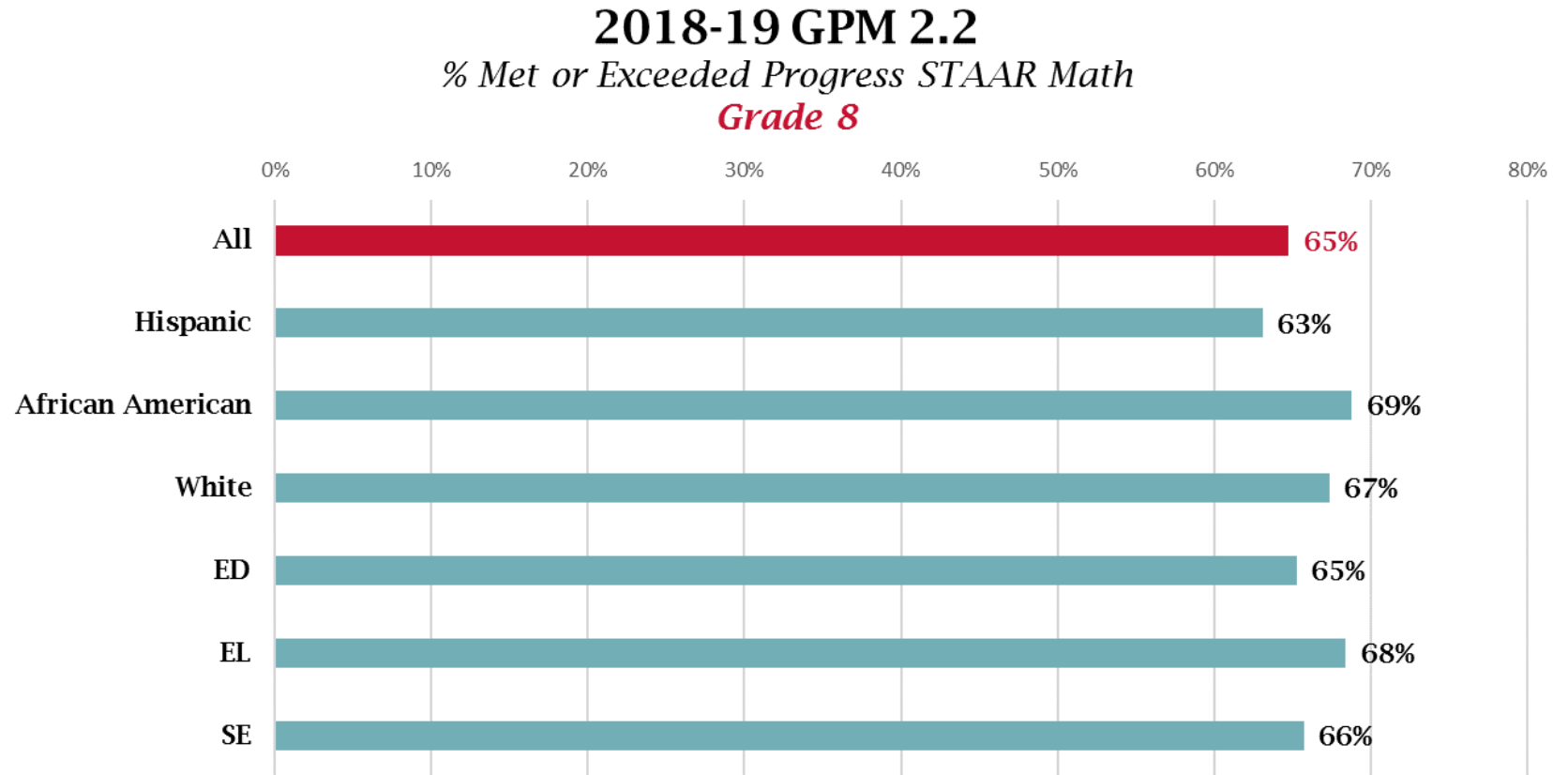
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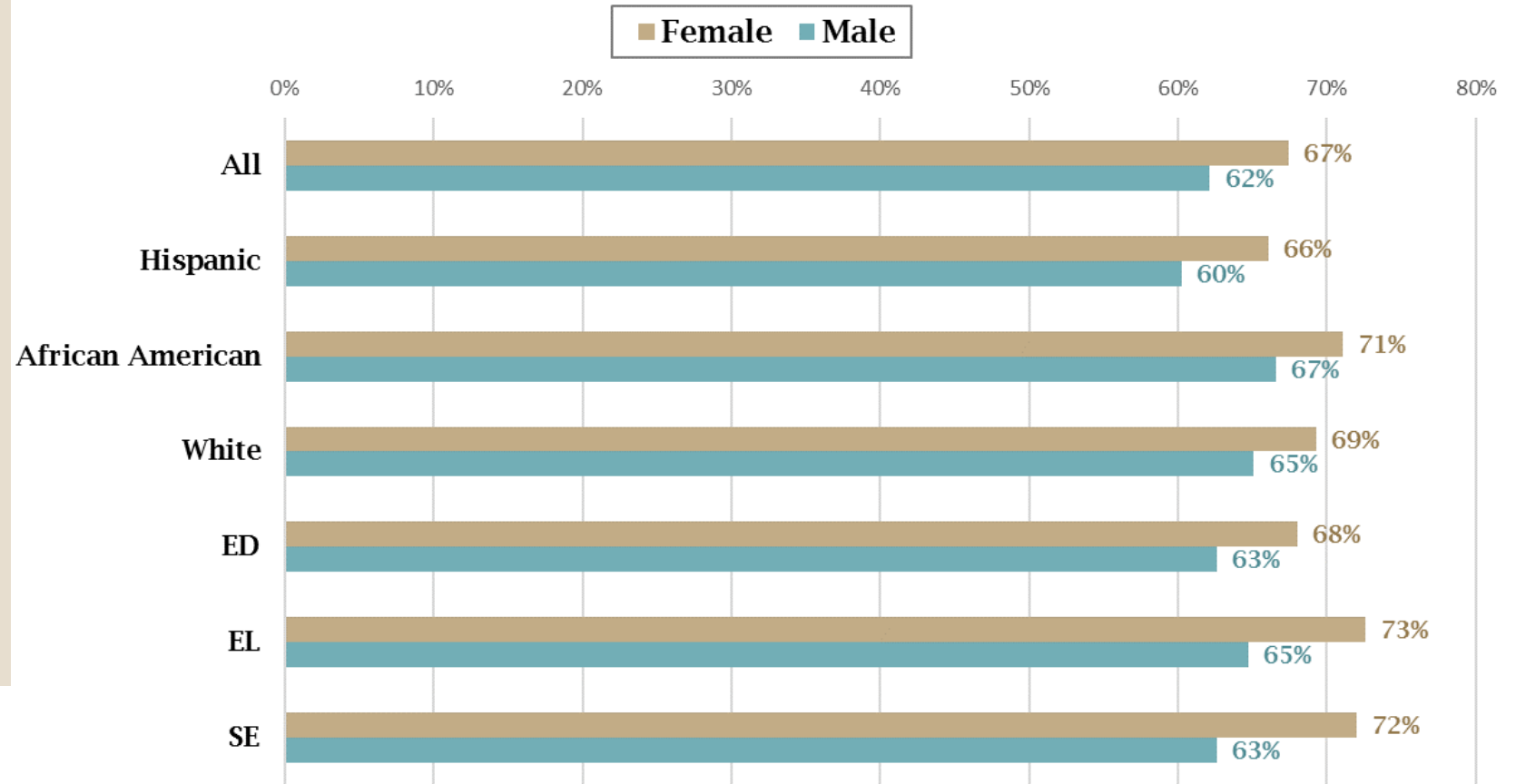
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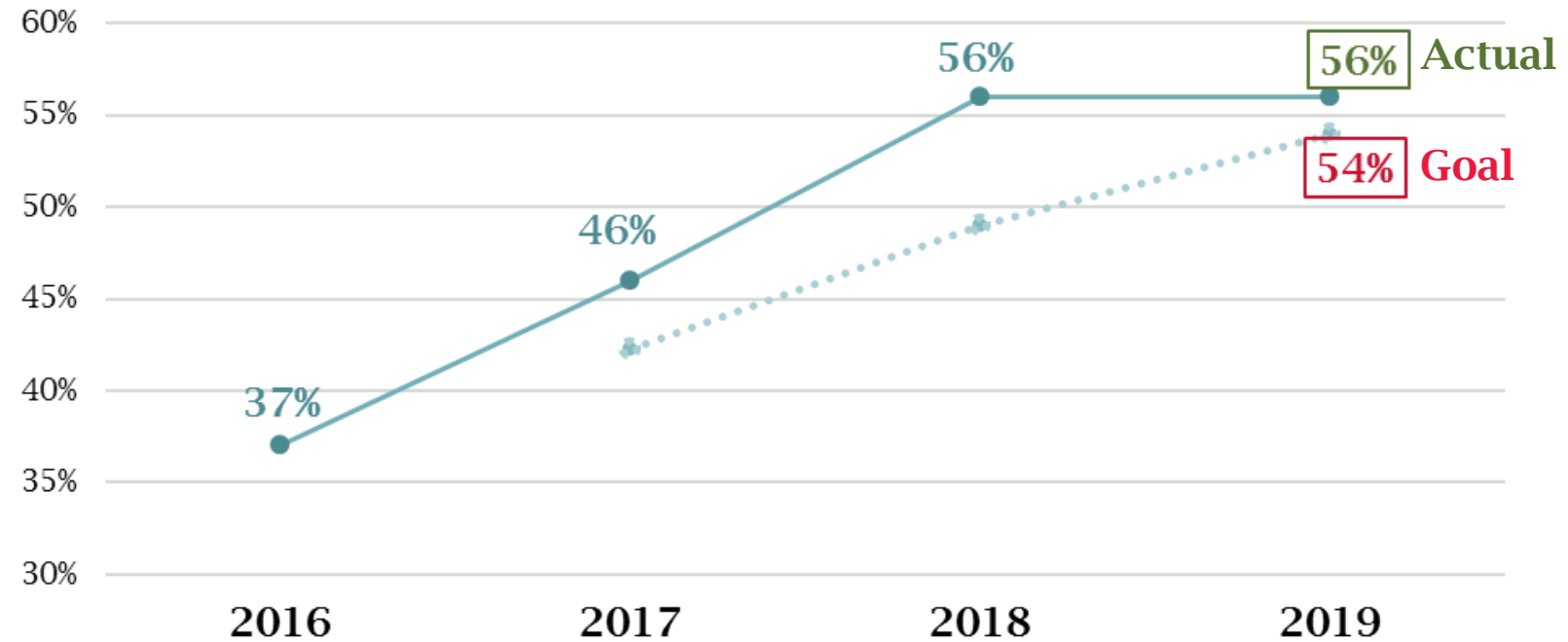
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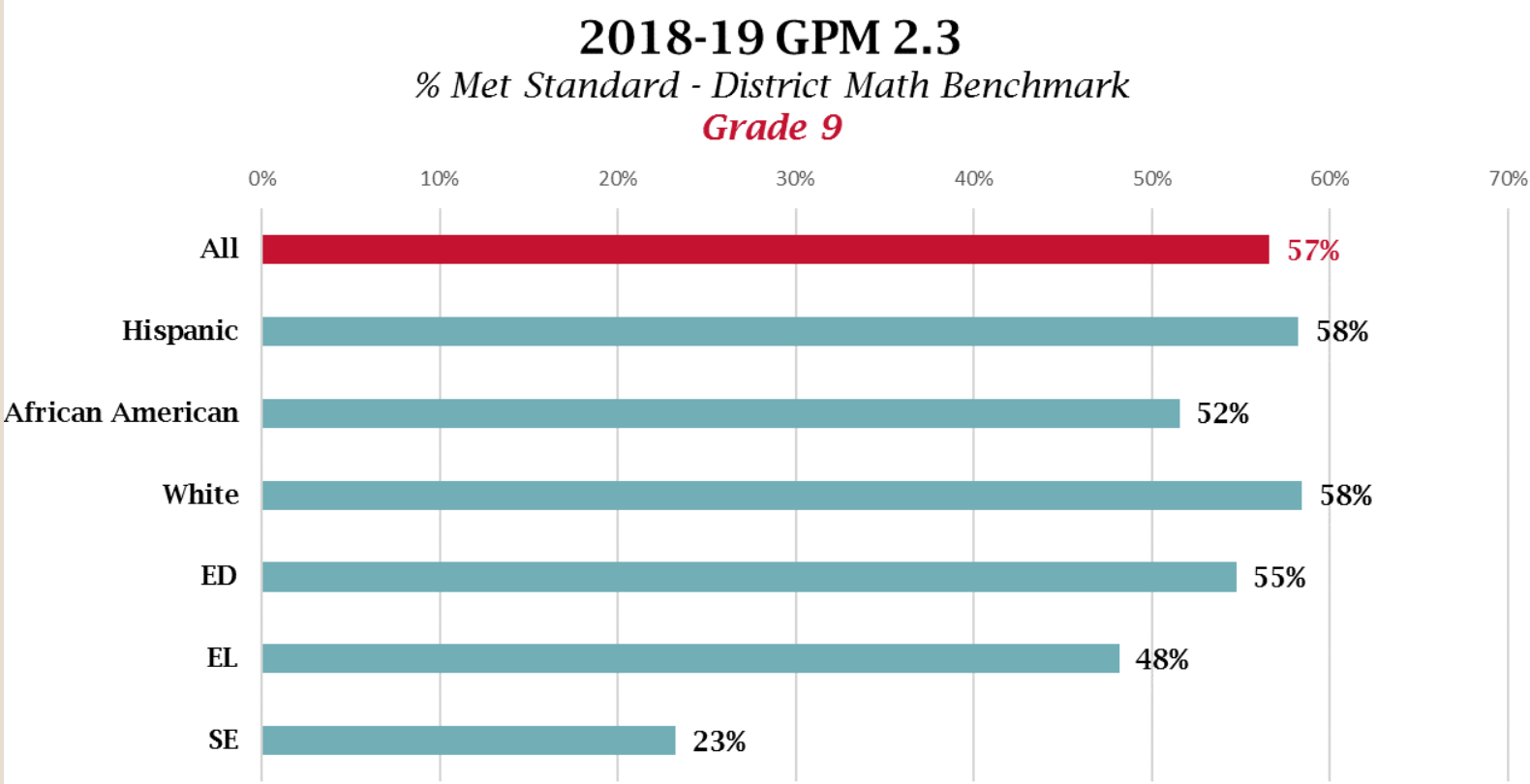
2018-19 GPM 2.2
% Met or Exceeded Progress STAAR Math
Grade 8



Goal Progress Measure #2.3:
Percent of students in Grades 3-9 making progress as measured by FWISD local assessments of key enduring understandings and skills in math will increase from **37%** to **54%** by **2019**.

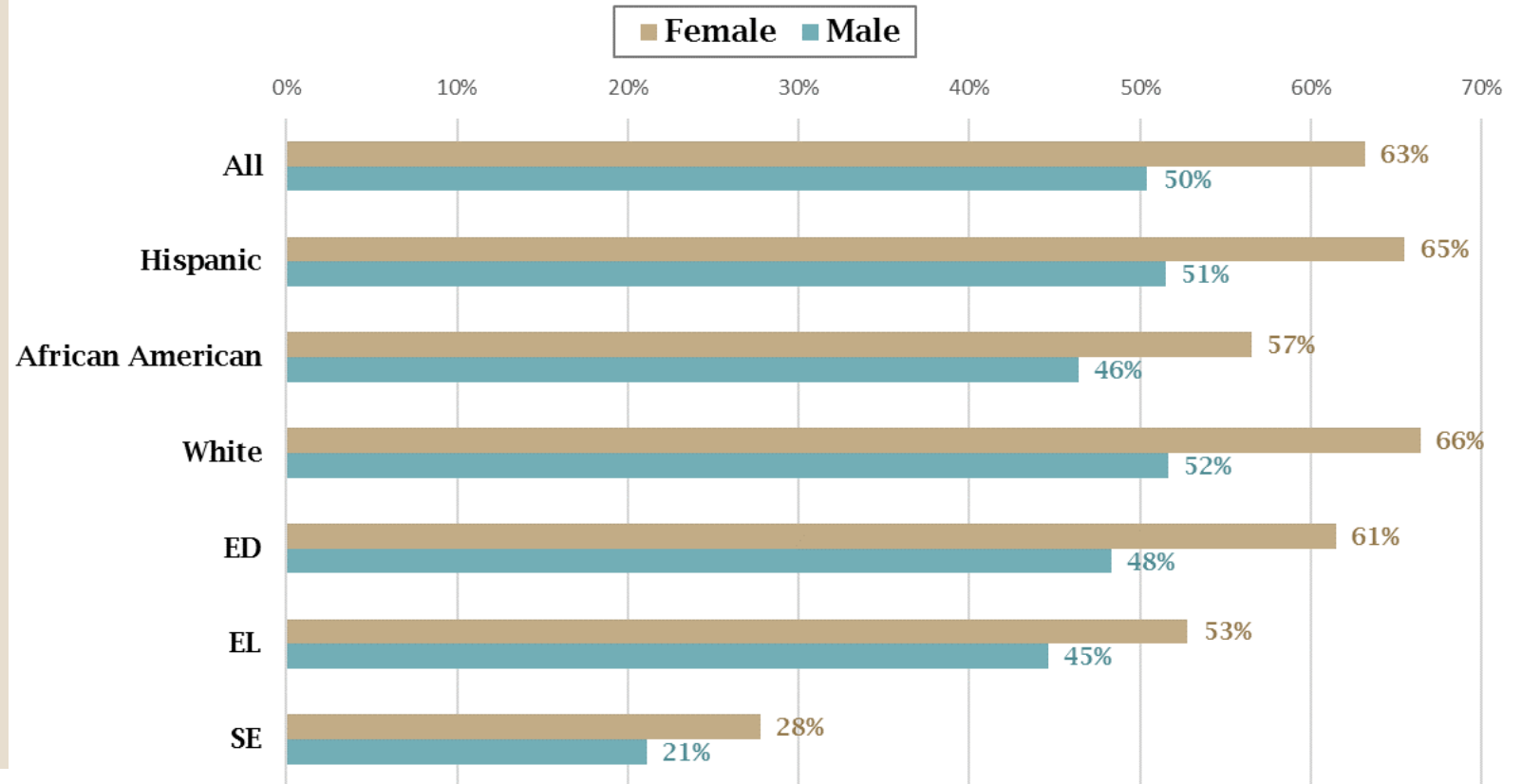


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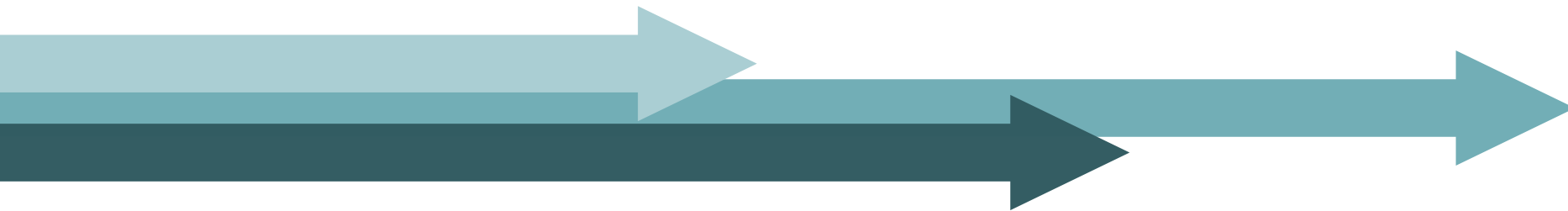
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Percent of students in Grades 3-9 making progress as measured by FWISD local assessments of key enduring understandings and skills in math will increase from **37%** to **54%** by **2019**.

2018-19 GPM 2.3
% Met Standard - District Math Benchmark
Grade 9



Curricular Response to Data

Simple • Clear • Supportive



Resource Alignment & Integration

Fort Worth
ISD
Curriculum

NWEA MAP
Growth
and Map
Skills

Edgenuity
MyPath
System



Student Growth and Assessment

MAP® Growth™ measures what students know and informs what they're ready to learn next. By dynamically adjusting to each student's responses, MAP Growth creates a personalized assessment experience that accurately measures performance.



Targeted Intervention

MyPath™ provides age-appropriate online intervention that can be used for remediation and reinforcement so students can catch up, keep up, and get ahead.





Middle Grades Professional Learning Math Academy

Mathematical Reasoning

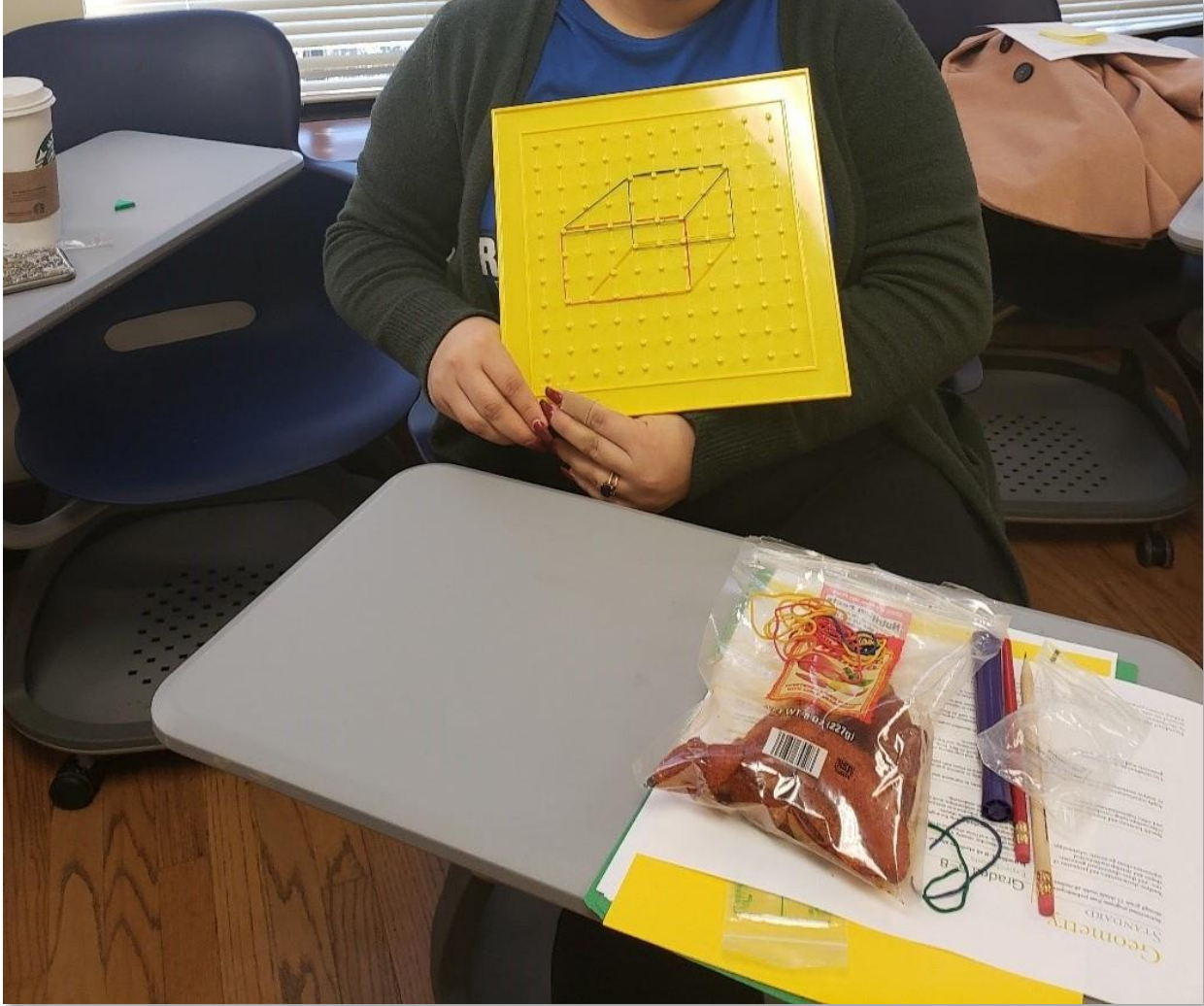
Ratios, Proportions, and Proportional Reasoning

Expressions, Equations, and Functions

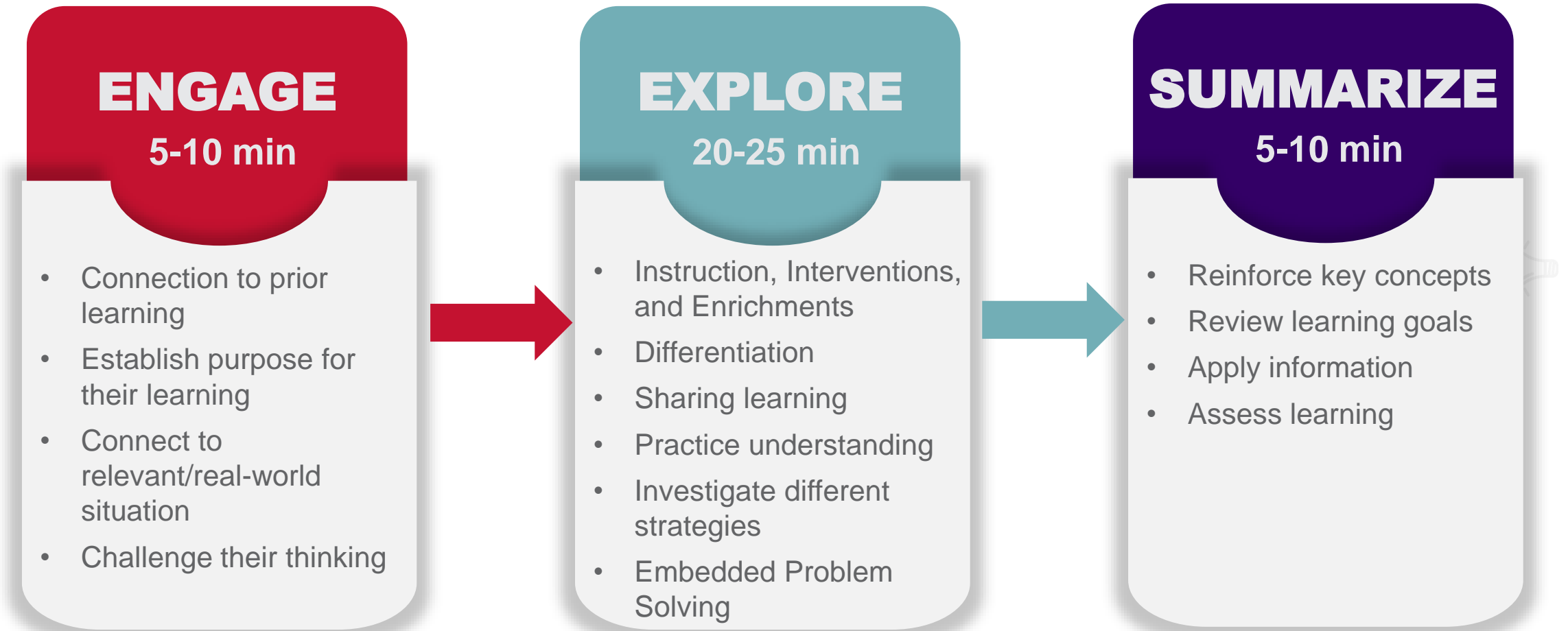
Geometry

Statistics

Thinking Differently



Instructional Framework



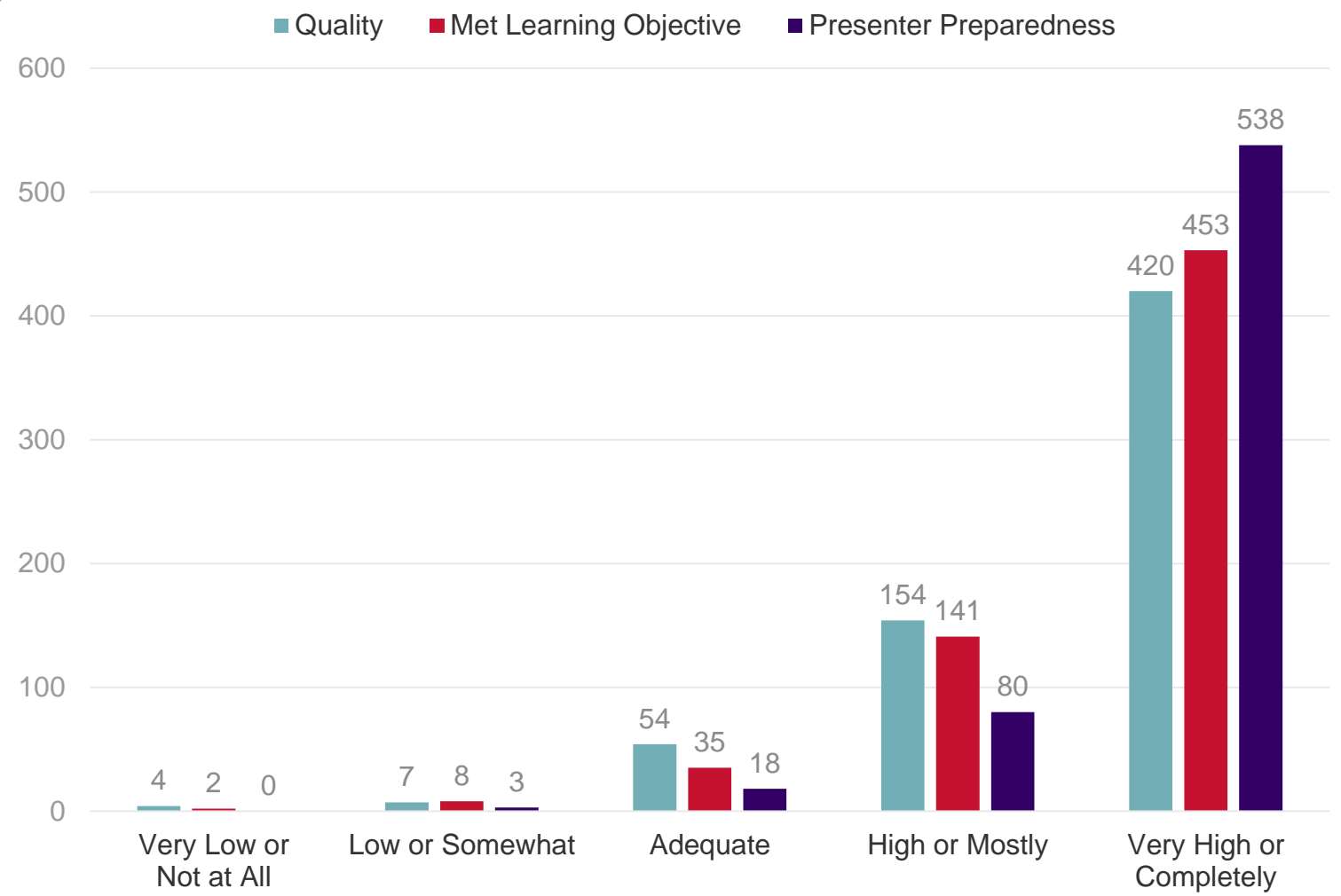
Formative assessment occurs throughout the lesson to continually guide instruction.

Teacher Voice

August 13-14



Elementary and Secondary Mathematics Teacher Feedback from August 13-14



639 responses

redesigned

SCOPE & SEQUENCE

ss Standards - Tools to Know: 7.1A, 7.1B, 7.1C; Ways to Show 7.1D, 7.1E, 7.1F, 7.1G

Unit 1: Rational Numbers and Operations

Number of Days: 13 days
Dates: August 26 – September 12

Concepts/Topics: 9 days

Terminating and Repeating Decimals: (7.2A); 1 day

Relationships between Sets of Rational Numbers: (7.2A); 1 day

Add and Subtract Integers: (7.3A; 7.3B, 7.13B, 7.13C, 7.13D); 1 day

Multiply and Divide Integers: (7.3A; 7.3B); 1 day

Add and Subtract Rational Numbers: (7.3A; 7.3B); 2 days

Multiply Rational Numbers: (7.3A; 7.3B); 1 day

Divide Rational Numbers: (7.3A; 7.3B); 1 day

D.O.L.: 1 day

Assessment(s): 4 days

Unit 2: One-Variable Equations and Inequalities

Number of Days: 16 days
Dates: September 13 – October 4

Concepts/Topics: 14 days

Angle Relationships: (7.11C); 2 days

Complementary and Supplementary Angles: (7.11C); 2 days

Sum of Angles in Triangles: (7.11C); 2 days

Equations and Inequalities: (7.11B); 2 days

Solve One-Variable Equations: (7.10A, 7.10B); 2 days

Solve Equations with Rational Coefficients: (7.10A, 7.10B); 1 day

Solve One-Variable Inequalities: (7.10A; 7.10B); 2 days

D.O.L.: 1 day

Assessment(s): 2 days

Continuum of Support



District

Prioritized Support
and Professional
Learning



Campus

Collaborative
Professional Learning
Communities (PLCs)



Individual

Coaching in
Grade 7

Leadership Support for Secondary Campuses

Collaboration with Academics

- Walking campuses and observing classrooms
- Examining data trends
- Calibrating curriculum

Coaching

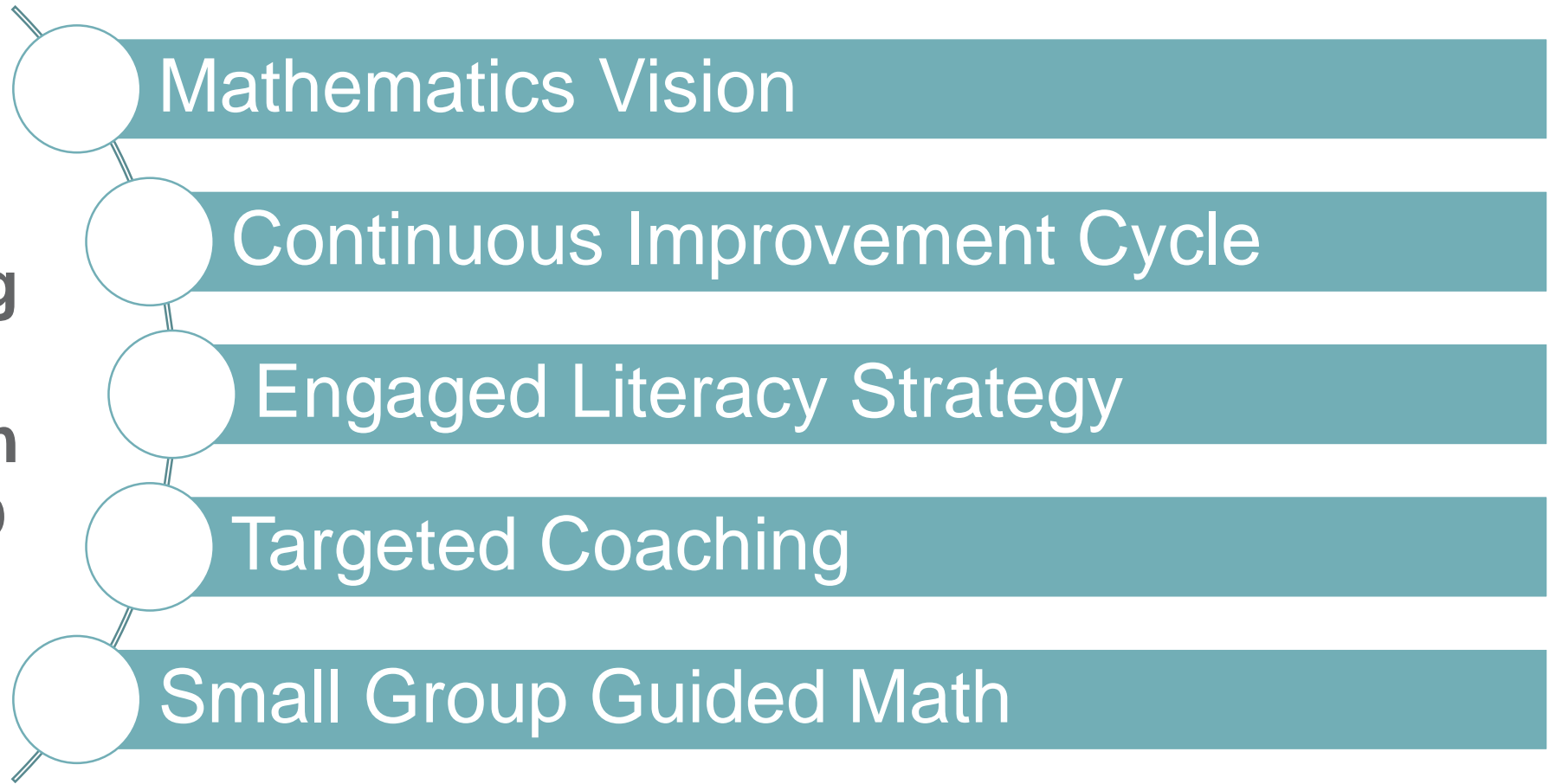
- Coaching from Executive Directors-to-Principals
- Coaching from Principals-to-Teachers
- Utilizing Bambrick-Santoyo's Leveraging Leadership Principles

Professional Learning

- Clustering campuses and aligning practices
- Reviewing student work
- Planning sessions and peer modeling

Next Steps

**For Supporting
Middle Grades
Mathematics in
Fort Worth ISD**





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