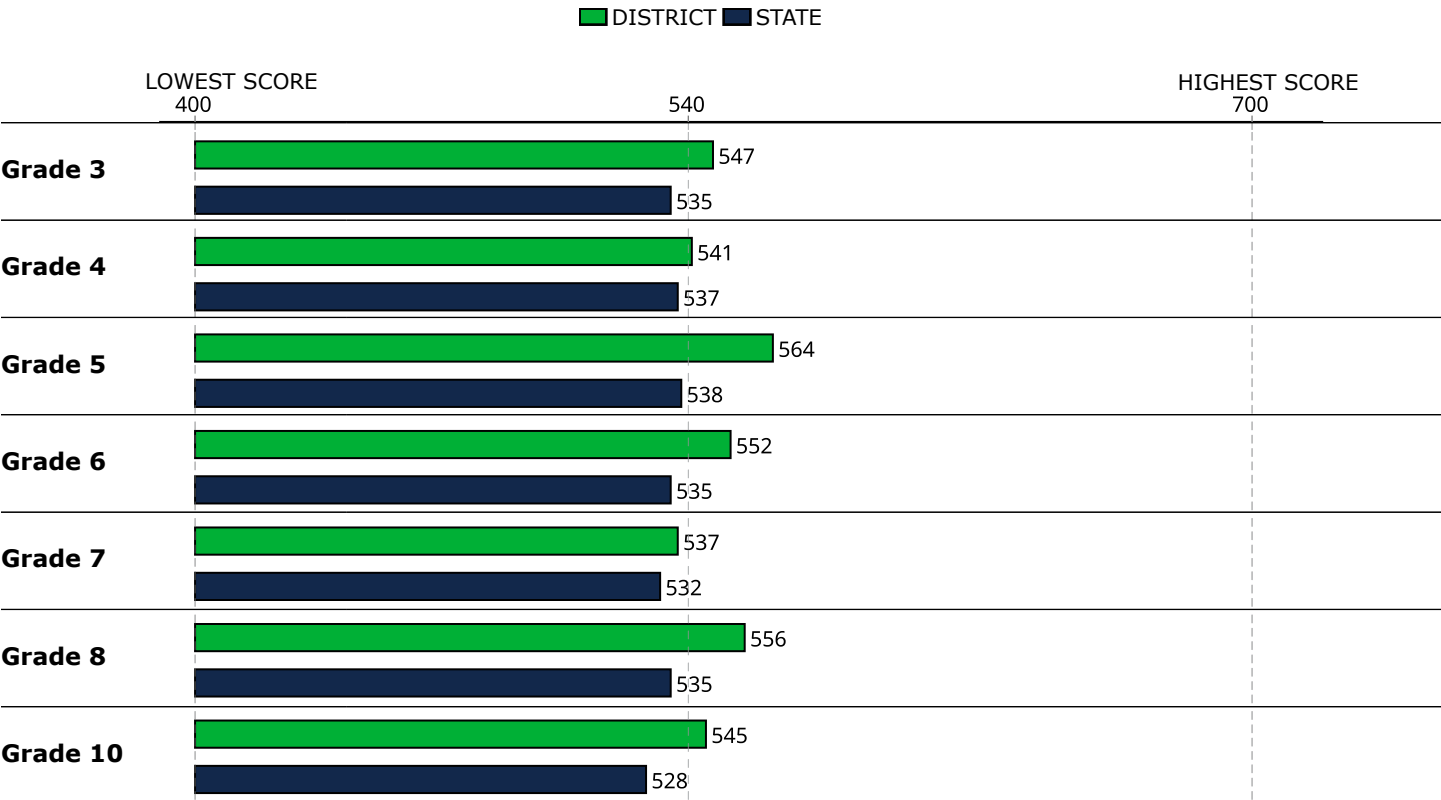


The KAP assessments measure students’ understanding of the Kansas Standards at each grade. The Mathematics assessment asks students to answer computation questions and questions about data presented in word problems, equations, graphs, tables, and diagrams. Students may show what they know about Mathematics by selecting or providing the right answer, sorting or ordering items, creating graphs, and labeling pictures.

Average District and State Performance



Standard error of the mean for each grade in this report:

Grade 3: District—10.0 | State—0.2
Grade 4: District—6.3 | State—0.2
Grade 5: District—9.4 | State—0.2
Grade 6: District—10.8 | State—0.2
Grade 7: District—9.6 | State—0.2
Grade 8: District—11.4 | State—0.2
Grade 10: District—6.1 | State—0.2

The standard error of the mean identifies how much sample means are expected to vary if multiple samples are taken from the same population.

Percentage of Students in Each Performance Level, by Grade

Level 1Level 2Level 3Level 4

Percentages may not add to 100% because of rounding.

Grade 3	DISTRICT	24	6	47	24
	STATE	28	29	23	20
Grade 4	DISTRICT	10	43	24	24
	STATE	27	30	28	15
Grade 5	DISTRICT	10	14	62	14
	STATE	27	30	33	10
Grade 6	DISTRICT	12	35	29	24
	STATE	26	34	31	10
Grade 7	DISTRICT	18	41	41	
	STATE	27	36	29	8
Grade 8	DISTRICT	20	20	44	16
	STATE	27	34	28	11
Grade 10	DISTRICT	9	35	52	4
	STATE	32	34	29	5

Your District's Mathematics Performance by Category

The table below shows the percentage of students in your district with scores that matched or exceeded the state average for each category. These percentages and means by category have no direct correspondence to overall performance level or proficiency.

This information should help schools continue to evaluate their curriculum, materials, and instructional practice. As always, additional measures of student learning should also be considered.

Grade	3	4	5	6	7	8	10
OPERATIONS & ALGEBRAIC THINKING	76%	71%					
Multiplication & Division	71%						
Operations with Whole Numbers		67%					
NUMBER & OPERATIONS IN BASE 10	82%	57%	71%				
Using Place Values in Arithmetic		71%					
Multi-digit Numbers & Decimals			71%				
NUMBER & OPERATIONS - FRACTIONS	82%	86%	81%				
Building & Operating on Fractions		86%					
Fractions: Decimal Notation		90%					
Adding & Subtracting Fractions			90%				
Multiplying & Dividing Fractions			71%				
MEASUREMENT & DATA	71%		90%				
Area	82%						
Volume			90%				
RATIOS & PROPORTIONAL RELATIONSHIPS				82%	88%		
THE NUMBER SYSTEM				71%	82%		
Common Factors & Multiples				71%			
Rational Numbers				94%			
GEOMETRY					41%	72%	65%

Grade	3	4	5	6	7	8	10
Understanding Angles & Angle Measurements						72%	
EXPRESSIONS & EQUATIONS				65%	59%	84%	
Equations & Inequalities				76%			
Proportions & Linear Equations						84%	
FUNCTIONS						84%	83%
Interpreting Functions							83%
STATISTICS & PROBABILITY				65%	71%		87%
Probability Models					88%		
Bivariate Data						76%	
ALGEBRA							87%
Reasoning with Equations & Inequalities							87%

Where Do We Go Next?

These data help districts examine student performance in these areas of Mathematics. As part of the KAP Balanced Assessment System, Instructional Mini Tests offer opportunities for educators to reinforce Kansas learning standards with students and build experience with the kind of questions and item types they will encounter on the KAP Interim and Summative Assessments.

The flexible nature of Instructional Mini Tests allows educators to not only receive data on student performance on current grade-level standards, but also on previous and future grade-level standards as appropriate. We strongly encourage all schools to make use of these resources in the classroom.

Additional Resources

To learn more about the Kansas Assessment Program and these score reports, visit the "For Families" page on ksassessments.org.

For information on the Kansas Standards, visit ksde.gov.