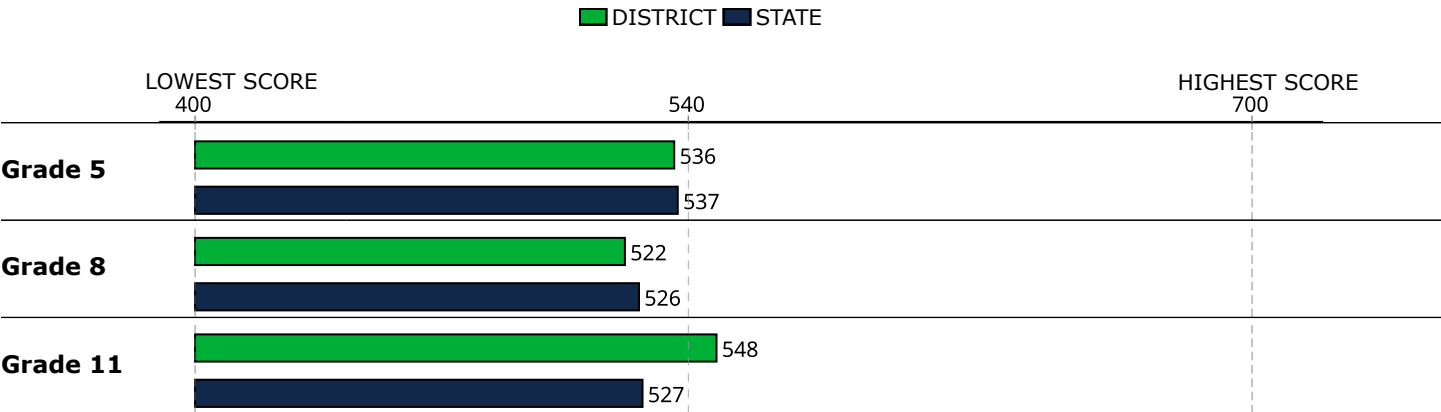


The KAP assessments measure students’ understanding of the Kansas Standards at each grade. The Science assessment asks students to answer questions about data presented in narratives, equations, graphs, tables, and diagrams. Students show what they know about Science by selecting or providing the right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

Average District and State Performance



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

Grade 5: District—5.6 | State—0.2
Grade 8: District—11.8 | State—0.3
Grade 11: District—5.7 | 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 5	DISTRICT	20	36	44	
	STATE	23	30	34	13
Grade 8	DISTRICT	35	12	35	18
	STATE	33	26	19	21
Grade 11	DISTRICT	4	42	25	29
	STATE	28	42	23	7

Your District's Science Performance by Category

The table below shows the total percentage of students in your district who performed in the At and Above levels for each category. Remaining students performed in the Below level. These three levels compare your students' performance to that of a statewide student group performing near the proficiency standard. These levels have no direct correspondence to overall performance or overall 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	5	8	11
Physical Science			
Developing & Using Models	72%	59%	88%
Engaging in Inquiry	92%	71%	83%
Using Evidence for Explanations & Argumentation			96%
Life Science			
Developing & Using Models	64%		
Using Evidence for Explanations & Argumentation		59%	92%
Earth & Space Science			
Overall			79%
Using Evidence for Explanations & Argumentation	68%		
Developing & Using Models		59%	

NOTE: Blank cells within the table represent areas not reported at that grade level.

Where Do We Go Next?

These data help districts examine student performance in these areas of Science. 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**.