



2024 KAP Educator Guide

Understanding the Kansas Assessment Program Score Report

Dear educators:

Thank you for all your hard work in ensuring each Kansas student receives a quality education that prepares them for future success.

This year, students were assessed in the following content areas:

- English language arts: Grades 3-8 and 10.
- Mathematics: Grades 3-8 and 10.
- Science: Grades 5, 8 and 11.

In addition to assessment results, parents of eighth- and 10th-grade students will see an ACT predictive measure on their child's assessment report. This measure correlates with or predicts a likely range of ACT scores based on how the student performed on the state assessment.

Students' assessment reports also include a Lexile[®] measure and a Quantile[®] measure.

- Lexile measures indicate the level of difficulty at which your child reads most comfortably.
- Quantile measures indicate your child's readiness for instruction addressing a particular mathematical skill or concept.

These ranges are a child's sweet spot for learning and comprehension.

As you know, assessments are just one of several measures to consider when gauging student progress. Please continue to use classroom interaction, homework, and other strategies throughout the year to identify learning and achievement levels.

Thank you for being such an integral part of Kansas education. Together, we will reach the Kansas State Board of Education's vision for education — Kansas leads the world in the success of each student.

Sincerely,

A handwritten signature in black ink, appearing to read "Randy Watson", is written over a thin yellow horizontal line.

Dr. Randy Watson

Kansas Commissioner of Education

Understanding the 2024 Kansas Assessment Program

The Kansas Assessment Program (KAP) is a set of untimed, computerized tests in English language arts (ELA), mathematics, and science. The test content fully aligns to the Kansas Content Standards. The Assessment and Achievement Institute (AAI) at the University of Kansas develops and delivers each assessment.

Test Purpose

KAP provides parents, educators, and policymakers with information about student learning. Additionally, KAP meets federal and state accountability requirements.

Test Content

In 2024, all students in grades 3–8 and 10 took assessments in ELA and mathematics. Students in grades 5, 8, and 11 took an assessment in science.

Test Format

Computerized tests allow students to demonstrate knowledge in various ways. In addition to multiple-choice items, students see technology-enhanced (TE) items. Depending on the subject area, TE items might include ordering, matching, or completing a matrix.

How are KAP assessments scored?

First, the points a student earned on the assessment items are added together without deducting points for incorrect responses. Some items are worth more than one point. Next, this raw score is converted to a scaled score that has the same meaning for all versions of the assessment. KAP scaled scores range from 220–380 and are divided into four performance levels.

The same process is used to calculate a student’s performance in different categories of each subject-area test, such as Key Ideas & Details in ELA or Algebra in mathematics.

How should you use KAP results?

Use these scores to help

- Identify students’ relative strengths and limitations.
- Determine students’ progress toward meeting state curriculum standards.
- Compare students’ performance to that of other students in the school, district, and state.

How can you help students improve their KAP scores?

Show parents and students where to access Kite® Practice Tests they can take at home.

Encourage parents and educators to discuss ways to develop students’ critical thinking skills.

Establish time for students to read and provide engaging and appropriately challenging reading materials.

Encourage parents to practice the skills at home by asking students questions that require explanations and cannot be answered with a single word; having students write lists, letters, stories, or podcast scripts; and giving students math problems to solve using everyday materials, such as road maps, sporting event results, or recipes.

Use the information about specific skill categories to identify areas where students need additional support and encourage classroom teachers to have students practice these skills.

Student Report Walkthrough

① The level score corresponds to the numbered score on the meter. This score represents a student's performance across all sections of the test, which are described on the back of the report.

Reports will also show a student's level score in the previous year, if available.

② The meter shows where a student's score falls within the range of possible scores. The segments of the meter represent the four performance levels. The regions differ in size because the score ranges for performance levels are not equal. A student's numeric score is displayed above the meter.

③ Additional meters show the median scores of students in the school, district, and state. A median score is the middle score when scores are ordered from lowest to highest; a median score is an accurate representation of an average score.

④ This list describes the skills a student has likely mastered, based on the student's performance level score.

⑤ This section shows the range of possible level scores and what they mean about a student's progress toward meeting state curriculum standards.

STUDENT REPORT: Last, First
 GRADE: 5 Mathematics / STATE ID: 0000000000
 SCHOOL: Meadowlark School
 DISTRICT: Sunflower District / #D1001

The KAP assessments measure students' understanding of the Kansas College and Career Ready Standards at each grade. The math 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.

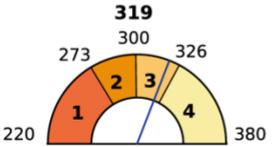


Mathematics Score: Level 3



In 2019 your student performed at Level 4.

① **319**



②

③ **School Median**
304
Number of Students: 52



District Median
299
Number of Students: 727



State Median
283
Number of Students: 35,126



Standard error of measurement for this report:
 Student — 7.1 | School — 4.9 | District — 1.3 | State — 0.2
 The standard error indicates how much a student's score might vary if the student took many equivalent versions of the test (tests with different items but covering the same knowledge and skills).

④ **Students who score at this level can typically**

- ▶ relate understanding of place value to use whole-number exponents to represent powers of 10
- ▶ explain patterns in the placement of decimals and the number of zeros after multiplying or dividing numbers by powers of 10
- ▶ read, write, and round decimals
- ▶ perform operations on decimals, fractions, and multidigit whole numbers
- ▶ use formulas to find the volume of rectangular prisms

⑤ **Performance Level Descriptions**

<p>Level 1: A student at Level 1 shows a limited ability to understand and use the mathematics skills and knowledge needed for college and career readiness.</p>	<p>Level 2: A student at Level 2 shows a basic ability to understand and use the mathematics skills and knowledge needed for college and career readiness.</p>	<p>Level 3: A student at Level 3 shows an effective ability to understand and use the mathematics skills and knowledge needed for college and career readiness.</p>	<p>Level 4: A student at Level 4 shows an excellent ability to understand and use the mathematics skills and knowledge needed for college and career readiness.</p>
---	---	--	--

For more details about how your student performed on specific types of test questions, see the back of this report. →

If a student did not take the test, did not complete enough of the test, transferred schools during testing, or if a special circumstance prevented the student's test from being scored, the score report will not display a score and will be missing most other elements shown in this guide.

Student report walkthrough (continued)

6 This page shows a student's relative strengths and limitations on the different areas of the assessment. Each category represents a group of test items that assess related skills. All subjects have main categories (written in all capitalized letters). In ELA and mathematics, some of the main categories are broken down further into subcategories. Each subcategory includes a different set of items.

7 The symbols compare a student's performance in each category to the performance of students who received the minimum Level 3 score.

8 For further information about the standards, assessment program, and tests, please visit ksassessments.org.

9 A student's score on the 8th and 10th grade KAP ELA and 8th grade mathematics assessments is one indicator of whether the student is on track for success on the math, reading, and English portions of the ACT. Visit ksassessments.org for more information about comparing KAP and ACT scores.

10 A student will receive a Lexile[®] Measure in ELA and a Quantile[®] Measure in mathematics.

6

STUDENT REPORT
 STUDENT: Last, First
 STATE ID: 0000000000

GRADE: 8 Mathematics

Your Student's Performance

+ Exceeds
= Meets
- Below
X Insufficient Data

SKILLS AND CONCEPTS

- **In this area, your students typically performed below students who received the minimum Level 3 score.** These questions require students to apply mathematical skills and concepts and interpret and carry out mathematical procedures with precision and fluency.

Expressions and Equations

- **In this area, your students typically performed below students who received the minimum Level 3 score.** These questions require students to solve equations that have variables and exponents, analyze relationships between dependent and independent variables and between proportional relationships, and use equations to model relationships and solve real-world problems.

Functions

- = **In this area, your students typically performed as well as students who received the minimum Level 3 score.** These questions require students to interpret, compare, and build functions to model real-world relationships.

Geometry

- **In this area, your students typically performed below students who received the minimum Level 3 score.** These questions require students to describe the features of geometric figures, compare figures, apply geometric theorems, and solve real-world problems by applying formulas to figures.

STRATEGIC THINKING AND REASONING

- **In this area, your students typically performed below students who received the minimum Level 3 score.** These questions require students to solve complex problems using problem-solving strategies and mathematical tools; explain their reasoning, defend their answers, and critique the reasoning of others; and analyze complex, real-world situations to construct and use mathematical models to solve problems, and to interpret results in the context of a situation.

7

8

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.org.



9

ACT Scoring
 To get an idea of how your eighth grade student may perform on the ACT based on this KAP score, refer to this chart. For more information, go to ksassessments.org/act-scores.

Student's actual KAP grade 8 math score	Student's projected ACT math score
Level 1:220-273	1-18
Level 2:274-299	18-22
Level 3:300-335	23-29
Level 4:336-380	29-36



10

Quantile[®] Measure
 Your student's score: **1010Q**
 The Quantile measure provides a score that describes your child's level of mathematical ability and the difficulty of a skill or concept as it relates to other mathematical skills and concepts your child is learning. The score shows your child's readiness for instruction regarding a particular mathematical skill or concept.

9

ACT Scoring
 To get an idea of how your eighth grade student may perform on the ACT based on this KAP score, refer to this chart. For more information, go to ksassessments.org/act-scores.

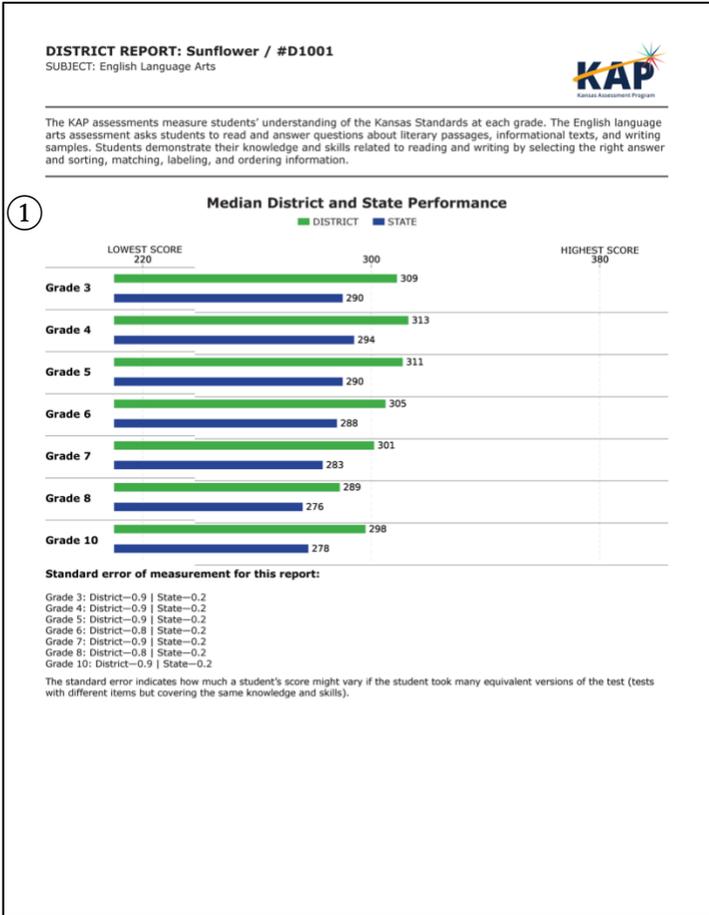
Student's actual KAP grade 8 math score	Student's projected ACT math score
Level 1:220-273	1-18
Level 2:274-299	18-22
Level 3:300-335	23-29
Level 4:336-380	29-36



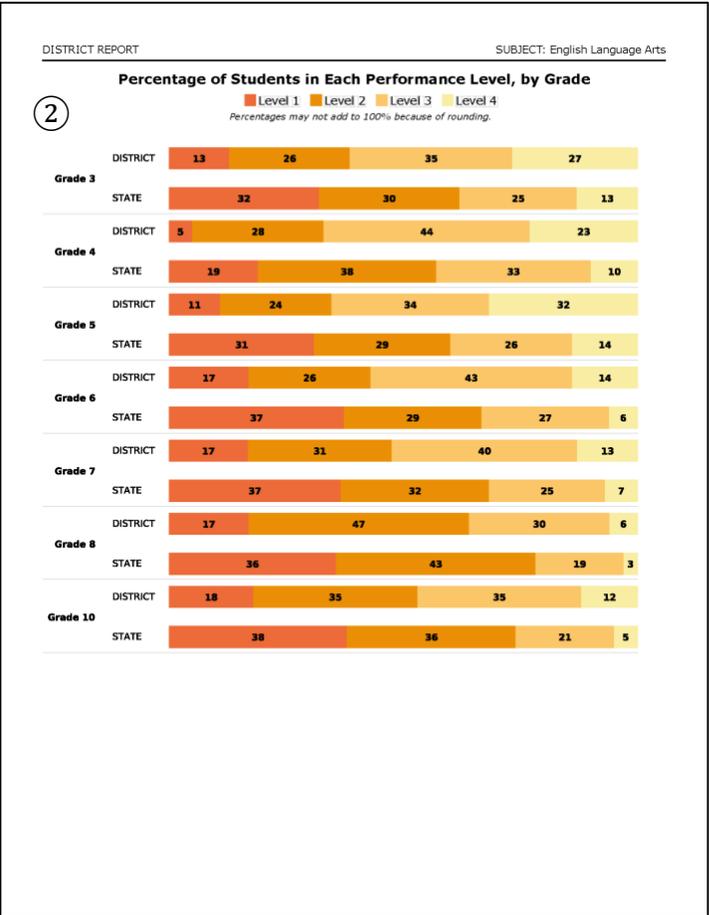
10

Quantile[®] Measure
 Your student's score: **1225Q**
 The Quantile measure provides a score that describes your child's level of mathematical ability and the difficulty of a skill or concept as it relates to other mathematical skills and concepts your child is learning. The score shows your child's readiness for instruction regarding a particular mathematical skill or concept.

School and District Report Walkthrough



1 This graph displays median scores for each grade. A median score is the middle score when scores are ordered from lowest to highest; median scores are an accurate representation of an average score.



2 Students' scores fall into one of four performance levels. This graph illustrates the distributions of students' scores across the four levels.

School and District Report Walkthrough, continued

DISTRICT REPORT SUBJECT: English Language Arts

Your District's Performance + Exceeds = Meets - Below ✖ Insufficient Data

Grade	3	4	5	6	7	8	10
OVERALL READING	=	=	=	=	-	-	-
Key Ideas & Details	=	=	=	=	=	-	-
Craft, Structure, & Language in Reading	=	=	=	=	=	-	-
OVERALL WRITING	=	=	=	=	=	-	-
Text Types and Purposes	=	=	+	=	=	-	-
Language in Writing	=	=	=	+	=	=	=

OVERALL READING
The reading portion requires students to read and analyze literary and informational texts and answer questions related to main ideas, text structure, language use, word meanings, and making and supporting conclusions.

Key Ideas & Details
These questions require students to read literary and informational texts and then determine central ideas, key events, and topics and identify and use supporting details and evidence.

Craft, Structure, & Language in Reading
These questions require students to read literary and informational texts and then analyze text structure, point of view, author's purpose, and language use and determine and analyze word meaning.

OVERALL WRITING
The writing portion requires students to read short writing samples and answer questions related to revising, editing, vocabulary, and language use.

Text Types and Purposes
These questions require students to revise provided texts by applying writing skills (including genre- and purpose-specific strategies), revising text into logical order, adding context and detail, and identifying words or phrases that strengthen the text.

Language in Writing
These questions require students to clarify messages in a variety of texts by following grade-appropriate grammar, capitalization, and punctuation rules.

Your District's Performance

+ Exceeds
In this area, your students typically performed better than students who received the minimum Level 3 score.

= Meets
In this area, your students typically performed as well as students who received the minimum Level 3 score.

- Below
In this area, your students typically performed below students who received the minimum Level 3 score.

✖ Insufficient Data
In this area, your students did not answer enough questions for accurate reporting.

3

4

3 This page shows students' relative strengths and limitations on the different areas of the assessment. Each category represents a group of test items that assess related skills. Both ELA and mathematics have main categories (written in all capitalized letters) that are broken down further into subcategories. Each subcategory includes a different set of items.

4 The symbols compare students' performance in this category to the performance of students who scored in the lowest range of Level 3 scores.

DISTRICT REPORT SUBJECT: English Language Arts

5 Additional Resources

ACT Scoring	Student's actual KAP grade 10 ELA score	Student's projected ACT Reading score	Student's projected ACT English score
To get an idea of how your high school student may perform on the ACT based on this KAP score, refer to this chart. For more information, go to ksassessments.org/act-scores .	Level 1: 220-268	1-17	1-15
	Level 2: 269-299	17-23	15-22
	Level 3: 300-333	23-30	22-30
	Level 4: 334-380	30-36	30-36

6 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.org.


Kansas
CAN
Improving lives. Inspiring dreams.

© The University of Kansas

5 Tenth grade students' scores on the KAP ELA assessment are one indicator of whether they are on track for success on the reading and English portions of the ACT. Visit ksassessments.org for more information about relating KAP ELA scores to ACT scores.

6 For further information about the standards, assessment program, and tests, please visit ksassessments.org.