Understanding the Predictive Interim School and District Cluster Summary Reports

PURPOSE: This interpretive guide assists educators in understanding the school and district cluster summary results for Kansas predictive interim assessments. This guide provides basic information about the predictive interim assessment, describes the score report contents.

TEST PURPOSE

The predictive interim assessments estimate a student's future performance on Kansas summative assessments in English language arts and mathematics. The predictive interim assessments allow educators to evaluate students' knowledge and skills and are designed to inform decisions at the school or district level.

TEST CONTENT

Each predictive interim assessment is comprised of comprises English language arts or mathematics test questions, including traditional and technology-enhanced or technology-enabled items, paralleling the summative assessment. The items include a range of depth-of-knowledge levels. Each predictive interim assessment covers a subset of the content standards assessed on the Kansas summative assessment; if all three predictive interim assessments are administered, a student is assessed on many of the content standards assessed on the year-end summative test.

INTERIM SCHOOL AND DISTRICT REPORT EXPLANATION

Mathematics Predictive Interim Assessment District and State Results Summary

① **District Fall Number of Students: 846** **District Winter Number of Students: 918** **District Spring Number of Students: 0**
State Fall Number of Students: 8616 **State Winter Number of Students: 10905** **State Spring Number of Students: 0**

②	③ Question Description	Fall		Winter		Spring	
		District PCT	State PCT	District PCT	State PCT	District PCT	State PCT
M.3.OA.A Represent and solve problems involving multiplication and division.	Find the unknown factor in a multiplication problem	46	67	--	--	--	--
	Express multiplication as repeated addition	53	73	--	--	--	--
	Solve a word problem involving multiplication	55	69	--	--	--	--
	Solve a word problem involving division	37	54	--	--	--	--
	Solve a word problem involving division	42	50	--	--	--	--
	Solve a word problem involving division	25	50	--	--	--	--
	Represent a situation as an equation with an unknown value	23	32	--	--	--	--
	Solve a word problem involving equal groups	--	--	13	23	--	--
Cluster Average		40	56	13	23	--	--

① This section indicates the number of students tested within your school or district; as well as those tested in the whole state for each testing window. Those numbers show how many students' scores were used to calculate the question average and cluster average scores. A line (--) indicates that the test was not used in your school or district.

② The Cluster column shows the cluster code and cluster description for the cluster that each question measures and a brief description. The domain associated with each cluster is also included. Questions measuring similar content are grouped together by cluster and domain.

③ The Question Description column provides information about the knowledge or skill assessed by each question. Question descriptions are ordered by cluster. The descriptions are the same question descriptions that are shown on the back of the school or district report for each testing window and the individual student report. For items measuring the same cluster on different tests, the question descriptions may be the same. The same description does not mean the items are the same across tests but rather that the items measure similar knowledge and skill.

The timeframe on which the content is delivered is based on past years' mini-test administration data, as well as information from the teacher surveys.

TEST FORMAT

Predictive interim assessments are available for English language arts and mathematics. The table provides more information about the predictive interim assessments available for each grade and content area.

Subject	Grades	When Given
Mathematics	3–7	Fall Winter Spring
	8	Fall Winter
	10	No test
English Language Arts	3–8, 10	Fall Winter Spring

Each math and ELA predictive interim assessment has 17–25 questions and is administered online via Kite® Student Portal.

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Cluster	Question Description	Fall		Winter		Spring	
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	Solve a word problem involving division	42	50	--	--	--	--
	Solve a word problem involving division	25	50	--	--	--	--
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4 This section shows the performance on each question for students in your school or district, organized by testing window. For each window, the School or District PCT column reports the percentage of students who earned full or partial credit on each question in your school or district. For comparison, the State PCT column reflects the number of students out of 100 who earned full or partial credit on each question during the previous year's interim assessment. Higher state PCT values indicate easier questions; lower state PCT values indicate harder questions. A line (--) indicates that the question was not used.

5 The cluster average is the average percentage of questions measuring the same cluster weighted by the number of students taking each question. For each testing window, the cluster average is calculated for the school or district and for the state. A line (--) indicates the cluster average was not available.

Because different questions measure the same cluster across testing windows, the cluster averages across windows cannot be compared with each other. However, the school or district cluster averages can be compared with the state cluster average to interpret and evaluate school or district performance on clusters. For example, when the school cluster average is higher than the state's, students in the school performed better on this cluster than did their peers. In contrast, if the school cluster average is lower than the state's, educators may want to spend more instructional time on that cluster.

Moreover, the relationship between school and state cluster average or district and state cluster average can be compared across testing windows to monitor how your students are performing relative to the clusters throughout the course of the school year. For example, if your school scored lower than the state on one cluster in fall and winter but higher than the state in spring, that indicates students in your school progressed more on this cluster than did other students.