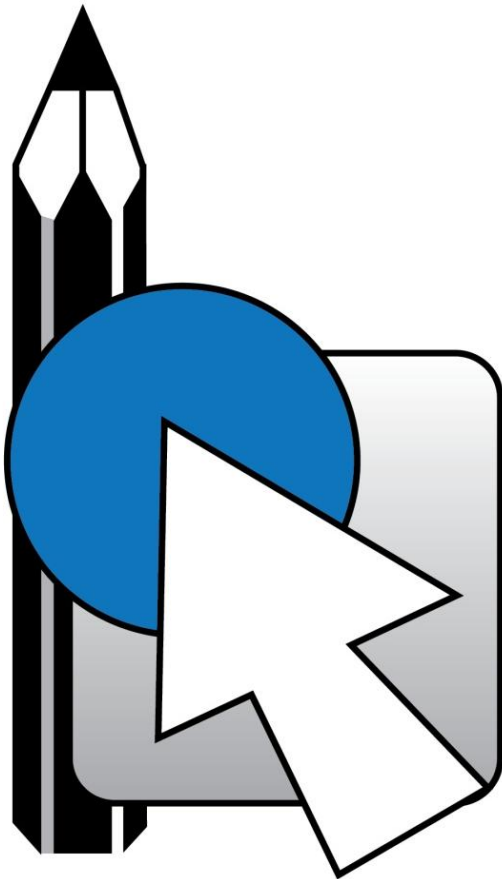


2010-11

# Kansas Interim Assessment- Examiner's Manual

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- Mathematics



Kansas State Department of Education

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# TABLE OF CONTENTS

<b>SECTION 1: KS INTERIM ASSESSMENT OVERVIEW.....</b>	<b>4</b>
Purpose of the Kansas Interim Assessment .....	4
Test Administration Modes .....	4
Assessed Students .....	4
Number of Test Parts .....	4
Contact information .....	4
2010-2011 Kansas Interim Assessment Overview.....	5
<b>SECTION 2: TEST COORDINATORS</b>	
Submit Student Test Record Information .....	6
Teacher User Accounts .....	6
Building and District Reports .....	6
<b>SECTION 3: TEACHERS</b>	
ACTIVITIES PRIOR TO THE INTERIM ASSESSMENT .....	7
CETE Teacher Account.....	7
Interim Assessment Administration Windows .....	8
Preparing For the Interim Assessment .....	8
General Directions .....	8
Registering Students for the Interim Assessment.....	8
Printing Tickets.....	8
Preparing Students for the Interim Assessment .....	11
Time Considerations .....	11
Scheduling Test Sessions.....	11
Room/Lab Preparation.....	11
Materials Needed for Testing.....	11
Materials Checklist .....	11
GUIDELINES .....	12
Number of Test Sessions.....	12
Description of Adaptive Design .....	12
Guidelines for Students.....	12
Calculators .....	12
ADMINISTRATION OF THE INTERIM ASSESSMENT .....	13
Script .....	13
Directions to Read to Students .....	13
During Testing.....	14
Monitoring/Reactivating Student Status.....	14
When Students Have Completed the Test.....	15
ACTIVITIES FOLLOWING THE INTERIM ASSESSMENT.....	16
Viewing Interim Assessment Results .....	16
Teacher LOGIN.....	16
Entering Instructed Indicators .....	16
Class Roster Report.....	17
Class Score Distribution Information.....	17
District Score Information.....	17
Indicator Representation on the Interim Assessment.....	18
MANIPULATIVES .....	19
Approved Manipulatives for the Mathematics Interim Assessment .....	19
Examples of Manipulatives Appropriate for the Mathematics Interim Assessment .....	19
ACCOMMODATIONS .....	20
Overview .....	20
Accommodations Prohibited for All Students.....	20
Read-Aloud Accommodation Policy.....	20
Accommodations for ELL Students.....	20

# SECTION 1:

## KS INTERIM ASSESSMENT OVERVIEW

### **Purpose of the Kansas Interim Assessment**

The Kansas Interim Assessment is a program of the Kansas State Board of Education provided as a resource for educators and students in Kansas schools. The interim assessment program is designed to:

- Measure the same specific indicators within the *Kansas Curricular Standards* that are measured by the summative Kansas Assessments.
- Provide students and teachers with estimates of student achievement on tested indicators at three time points prior to the summative assessment.
- Report individual student scores along with class score distribution information and district average scores.
- Provide subscale and total scale scores that can assist in making instructionally relevant decisions.

### **Test Administration Modes**

The Kansas Interim Assessment is administered by using the online assessment software (KCA) available at the CETE website. See pages 47-51 in the Kansas Assessment Examiner's Manual for details about KCA software and testing.

### **Assessed Students**

- The interim assessment may be given in grades 3-8.
- All students with valid test records may take the interim assessment.

### **Number of Test Parts**

- Each test consists of three parts that are administered in one testing session.

### **Administration Windows**

- There will be three administration windows, Fall 1 (September 15 – October 29), Fall 2 (October 30 – December 31), and Winter (January 1 – February 28).
- Students may take one interim assessment during each administration window.

### **Contact Information**

#### **CETE**

Phone: 785.864.3537

Email: [cete@ku.edu](mailto:cete@ku.edu)

#### **KSDE Assessment Coordinator**

Dr. Cherie Randall

Phone: 785.296.3996

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## 2010-2011 Kansas Interim Assessment Overview Elementary and Middle School (3-8)

2011	Mathematics					
Grade Level	3	4	5	6	7	8
Testing Options	General					
"TEST" Submission Deadline	Opens August 23 <sup>rd</sup> . Deadline is one business day prior to testing.					
Testing Windows	Fall 1 September 15 – October 29	Fall 2 October 30 – December 31		Winter January 1 – February 28		
Test Format	Multiple Choice					
Test Sessions	1 per testing window					
Sessions Length	Suggested: 45-60 minutes					
# Indicators Tested	12	14	15	14	15	15
# Questions/Indicator	2-3	2-4	2-4	2-3	2-4	2-3
# Questions/Test	32	33	35	38	38	38

# SECTION 2: TEST COORDINATORS

## Submit Student Test Record Information

- KIDS TEST records must be submitted. These records may be submitted with or without designated test order types (blank) in assessment subject fields D75 through D82. However, updated TEST records reflecting correct test types and demographics must be submitted prior to administration of the summative assessment, which should be a shared responsibility of the district/building test coordinator and the district/building KIDS data specialist.
- Refer to pages 7 – 9 of the Kansas Assessment Examiner’s Manual for a complete listing of the codes used to select the test type with a TEST record submission.
- Districts/buildings must submit KIDS Student Course Roster Records (SCRS) information in order to access interim assessment tickets, administer these assessments, and view results.

## Teacher User Accounts

- Each teacher whose class will take interim assessments requires an individual CETE user account. A CETE user account is different than a formative Test Builder account.
- Teachers request accounts at <http://www.cete.us/ams/users/register>.
- Teachers need their Kansas Teacher ID numbers to create new accounts. This information is available with a teacher’s last name and SSN by going to: [https://online.ksde.org/teal/cert\\_search.aspx](https://online.ksde.org/teal/cert_search.aspx)
- Districts must approve teacher accounts. Approved accounts will then be activated.

## Building and District Reports

- Building and district administrators may download interim assessment results in .csv files containing the following information:
  - Building ID
  - Grade
  - Teacher
  - Student Name
  - State ID
  - Local ID
  - Race
  - SPED Code
  - Interim Assessment Fall 1 Score
  - Interim Assessment Fall 2 Score
  - Interim Assessment Winter Score
  - Summative Score
  - Summative Test Type (General, KAMM, KAA)
  - Summative Test Form

# SECTION 3: TEACHERS

## ACTIVITIES PRIOR TO THE INTERIM ASSESSMENT

### CETE Teacher Account

- Request a New User account by going to <http://www.cete.us/ams/users/register>

The screenshot shows the top navigation bar of the CETE website with the KU logo and search bar. The main heading is "New User Registration". Below the heading, there is a paragraph: "To request a CETE user account, please select the appropriate account type and district below and hit 'Continue'." Another paragraph follows: "On the following page, you will enter your contact information and other details necessary to create your account. Your account will need to be approved by your principal or superintendent before you can login to the CETE website." The form includes a "District" dropdown menu with "Statewide" selected. A "Continue" button is located at the bottom right of the form area.

- Choose your district from the drop down menu, and click "continue."

This screenshot shows the same "New User Registration" page, but with the "Security" section expanded. The text reads: "The information entered under 'Security' below will be used should you forget your password. Enter your birthdate, then choose a question to which only you know the answer and which has nothing to do with your password. If you forget your password, we'll verify your identity by asking you to enter your birthdate and the answer to this question." The form fields are: "First name", "Last name", "Email", and "State Teacher Id".

- Complete the New User Registration information, taking care to include your State Teacher ID number. You can find this information using your last name and SSN by going to the licensure section of the KSDE website or by clicking here: [https://online.ksde.org/teal/cert\\_search.aspx](https://online.ksde.org/teal/cert_search.aspx)



## Search Licensure Records

### PLEASE NOTE:

Information in the licensure database is updated on a daily basis and uploaded to this search database. Recent changes may not be immediately reflected and occasional errors in uploading may create incomplete records.

### Enter the Following Information:

\* Please note that **BOTH** last name and either the ssn or the teacher ID # are needed to lookup certification records.

SSN:  (do not enter dashes) Teacher ID:

LAST NAME:

- District test coordinators or other district officials have the authority to approve user accounts.

### Interim Assessment Administration Windows

- Fall 1: September 15 – October 29, 2010
- Fall 2: October 30 – December 31, 2010
- Winter: January 1 – February 28, 2011

### Preparing for the Interim Assessment

#### General Directions

- The interim assessment assesses all tested indicators at a particular grade level from 3 – 8.
- The interim assessment is designed as an adaptive test. Each assessment contains three parts. Students will receive more challenging or less challenging parts based on their responses to previous parts during the same test session.

### Registering Students for the Interim Assessment

- Students with valid TEST record submissions are eligible to take the interim assessment one time during each test administration window.

### Printing Tickets

- Student test tickets need to be printed in advance for each interim assessment administration. Tickets are valid for one use at any time during each test administration window.
- Log on to the CETE website at [www.cete.us](http://www.cete.us).

- ▶ About Us
- ▶ Assessment Program
- ▶ Assessment Links
- ▼ News
  - July 2010
  - May 2010
  - November 2009
  - September 2009
  - August 2009
  - July 2009

### KCA 5.4 and LCS 4.6 Released

Monday, 5 July 2010 12:00 CDT

[Download the new version now.](#)

#### KCA - Windows Users

If you are currently running KCA 5.3 then the update to KCA 5.4 will be available through the auto update process and will run when the KCA software is opened, unless update permissions have been restricted or you are running Windows 7 or Windows Vista.

#### Windows 7 and Vista Users

For Windows 7 and Windows Vista users, if you want to install KCA 5.4, first download KCA 5.4 installer for windows then using an administrator account install KCA 5.4. After installing KCA 5.4 please run KCA with administrator privileges by right clicking KCA icon and choosing "run as an administrator". Only

### Logins for Educators

#### Management & Reporting Tool

[Access student tickets and reports.](#)

Username:

Password:

[Forgot?](#)

User: **abroaddus** (Logout)  
Demo (D0100)

## Welcome to the CETE Management & Reporting Tool

### Important Dates for 2010 - 2011 School Year

- Feb 18, 2010 – Recent Arrival date for reading and math
- Mar 18, 2010 – Recent Arrival date for science
- Aug 23, 2010 – Submission of TEST records to KIDS opens
- Sept 21, 2010 – Entry on or after this date, AYP participation only
- Oct 5, 2010 – Fall test window opens: OTL reading, math, science, hist/gov't
- Dec 31, 2010 – Window closes for KAA indicator entry
- Dec 31, 2010 – Test Window opens: KAA; KAA students arriving on or after Dec 31 need not be tested

### Dashboard

**KIDS**  
The last KIDS update was: **Yesterday at 09:00 PM**

[Go To KIDS Log](#)

**Password**  
Your password expires in 327 days.

[Go To My Account](#)

- [Home](#)
- [Intranet](#)
- [Sitetools](#)
- [Administrative Tools](#)
- [NCLB](#)
- [KAA](#)
- [KELPA](#)
- [Interim](#)

- In the left-hand column, click on the link titled "Interim."

User: **abroaddus** (Logout)  
Demo (D0100)

## Interim

What would you like to do? (click on your choice)

1. [Teacher Report](#) - View classroom level teacher reports.
2. [Print Tickets](#) - Get interim tickets for a class.
3. [Monitor Status](#) - Check the status of students in a class; reactivate interrupted assessments.
4. [Download Building Data](#) - Download test results by grade.

- [Home](#)
- [Intranet](#)
- [Sitetools](#)
- [Administrative Tools](#)

- Click "Print Tickets."

User: **abroaddus** (Logout)  
Demo (D0100)

## Interim Assessment - Print Tickets

Please choose the building that needs tickets.

### School Listing

Now viewing 1-3 of 3.

- [Demo Elementary \(0047\)](#)
- [Demo Middle \(0048\)](#)
- [Demo High \(0049\)](#)

- [Home](#)
- [Intranet](#)
- [Sitetools](#)
- [Administrative Tools](#)
- [NCLB](#)

- Select the school.

User: **abroaddus** (Logout)  
Demo (D0100)

Home  
Intranet  
Sitetools  
Administrative Tools  
NCLB

## Interim Assessment - Print Tickets

Please pick the teacher for whom you wish to print tickets.

**Demo Elementary**

Teachers in Demo Elementary  
Now viewing 1-1 of 1.

Nicholas Studt

- Select the teacher.

KU THE CENTER FOR EDUCATIONAL TESTING & EVALUATION The University of Kansas

Search KU Web keyword/name

KU Home Kyou Email Blackboard A-Z

The Center for Educational Testing and Evaluation

User: **abroaddus** (Logout)  
Demo (D0100)

Home  
Intranet  
Sitetools  
Administrative Tools

## Interim Assessment - Print Tickets

Please pick the course for which you intend to print tickets.

**Courses for**  
Now viewing 1-1 of 1.

101

- Select the course. When you make this selection, a pdf file will open containing a roster of students and a ticket for each of the students on the roster.

**First Interim Testing Window**  
**Student Interim Ticket Summary**  
**4th Grade Mathematics - Teacher**

State ID	Local ID	Student Name	Username	Password	Session ID
111005316		First 5316 Student	fstudent11	plans5607	283640
111000001	111	First 1 Student	fstudent	more2568	283640
111000002	1	First 2 Student	fstudent1	prez5133	283640
111000003	1	First 3 Student	fstudent2	land5354	283640
111005317		First 5317 Student	fstudent3	sale9806	283640
111005318		First 5318 Student	fstudent4	shut3336	283640
111005319		First 5319 Student	fstudent5	cube8776	283640
111005320		First 5320 Student	fstudent6	verse3538	283640
111005321		First 5321 Student	fstudent7	snai6554	283640
111005322		First 5322 Student	fstudent8	grew2209	283640
111005323		First 5323 Student	fstudent9	ore8985	283640
111005324		First_5324 Student	fstudent10	pull5623	283640

**Interim I - Mathematics**  
**4th Grade Mathematics - Teacher**

First\_5316 Student      USERNAME: fstudent11  
State ID: 111005316      PASSWORD: plans5607  
Local ID:                      SESSION ID: 283640

### **Preparing Students for the Interim Assessment**

- Before taking the interim assessment via KCA, teachers and students should have used at least one of the following:
  - An online KCA formative test
  - The KCA practice test
  - The KCA tutorial

### **Time Considerations**

- The interim assessment is not a timed test. However, it is designed to be taken in one 45-60 minute class period.
- Students who do not finish in this amount of time should be permitted to keep working until they have finished answering all questions.

### **Scheduling Test Sessions**

- Reserve adequate computers for each student to have an individual computer. Computers must be connected to the internet and equipped with the KCA software for taking the interim assessment.
- The interim assessment is available for administration for all ticketed students.

### **Room/Lab Preparation**

- Remove or cover (with opaque material) bulletin board displays, fact tables, charts and diagrams, and other instructional materials that may give assistance or advantage during testing.
- Have appropriate manipulatives available for the mathematics interim assessment (see page 19 for a list). Use of manipulatives is optional; a teacher may not require the use of manipulatives.

### **Materials Needed for Testing**

- **Obtain the KCA test tickets**
- The course name, test form, student name, student state ID, student local ID, username, password, and session ID are printed on each ticket.
- **Make certain there is a ticket for each student.** Do not allow a student to use another student's test ticket.
- Obtain the materials listed in the following checklist.

### **Materials Checklist**

- KCA tickets
- Pencils for each student to work out problems on scratch paper
- Blank scratch paper
- Manipulatives for the mathematics interim assessment (see manipulatives list on page 19)
- A clock that is visible to students
- Bilingual dictionaries for ELL students

## **GUIDELINES**

### **Number of Test Sessions**

- The interim assessment requires one test session per administration window.

### **Guidelines for Students**

- Students may use blank paper to show and check their work. This work must be collected and destroyed upon completion of the test session.
- Once a test-part is finished, students cannot return to previously-completed test parts.
- Students may create graphic organizers on a blank sheet of paper at the time of the test. Graphic organizers created prior to the test session by either the teacher or the student may not be used.
- With the exception of calculators, the use of electronic devices (including cell phones, PDAs, and similar devices) is not allowed on any part of the interim assessment.
- Students are allowed to use scratch paper, graph paper, and manipulatives on the mathematics interim assessment. However, textbooks, dictionaries (with the exception of bi-lingual translation dictionaries for ELL students), and other curricular materials or computers are not to be used during testing.

### **Calculators**

- Students may use the on-screen calculator when it is available during the interim assessment.
- Students may also use their own calculators.
- If the on-screen calculator is not available for a specific test question, then students are encouraged to complete the item without the use of any calculator. These questions test the same skills that are tested on part 3 of the general assessment, during which no calculator is permitted. Therefore, students should complete these problems without the use of a calculator during the interim assessment as well.
- Graphing calculators are permitted in grade 8 and in high school.
- Any calculator with memory/storage capabilities should be cleared prior to beginning the assessment and prior to leaving the testing room.

## ADMINISTRATION OF THE INTERIM ASSESSMENT

### Script

- A script of directions to read to students has been provided in this manual (scripted words are bolded and in quotation marks). This script must be used with all students taking the interim assessment via KCA. For students with disabilities, the directions may be clarified or paraphrased.
- You may not give instructions in addition to those in the manual.

### Mathematics Directions to Read to Students

Say: **“You are about to take the Kansas Mathematics Interim Assessment. The purpose of this test is to measure your progress in learning concepts and skills in Mathematics. Take your time and do your very best work.”**

Say: **“Try to answer all questions, even if you have to guess. If you are not sure about the correct answer, you may use the online tool to cross out any answers that you think are not correct. Choose the answer that you think is best. It is important to answer all questions. Does anyone need scratch paper?”**

Hand out scratch paper to any student who requests it.

Say: **“This math test is in three parts: Part 1, Part 2, and Part 3.”**

Say: **“You are to complete the questions in each part as directed. When you have answered the last question, click on the “Review/End” button. A summary screen will appear. Raise your hand, and I will verify that all of the questions have been answered. Then you will be able to go on to the next part. “**

Say: **“The questions in this test are multiple-choice. There is one correct or best answer to each question.”**

Say: **“Carefully read the question. Work the problem. You may use scratch paper or the online tools provided. You may use a calculator for questions that have the online calculator available. Decide which answer is correct or clearly better than the other choices. For the answer you choose, click on the circle button beside the answer you have chosen. When you see that the circle has been selected, go on to the next question.”**

Say: **“Click on the KCA icon on your desktop. From the main KCA menu, click on ‘Take the Interim Assessment.’”**

Check to make sure all students are ready to log in.

Say: **“Now you’re ready to sign in to take the test. Enter your username, password, and Session ID, which are found on your test ticket.”**

Walk around the room to verify students have logged in properly.

Say: **“We are now ready to work on the test.” (Pause.) “Silently read the directions on your screen. Let me know if you have any questions or do not understand the directions.”**

Wait until students have read the directions. Provide assistance as needed.

## During the Test

- Move quietly around the room.
- The student's name will appear at the top, left-hand corner of each screen.
- Make certain that students are following instructions and are on task.
- Regularly check to see that students are indicating their answers properly.
- Give assistance to any student having problems following instructions.

## Monitoring/Reactivating Student Status

- Monitoring student status allows a teacher to view:
  - which students have completed testing,
  - the amount of time students have spent testing,
  - which students are currently testing, and
  - the beginning and ending date and time of the test.
- To view student status during testing:
  - Log on to the CETE website at [www.cete.us](http://www.cete.us).
  - In the left-hand column, click on "Interim."
  - Click on "Monitor Status."
  - Click on the school name. Then select the teacher and course names.



User: **abroadus** (Logout)  
Demo (DD100)

Home  
Intranet  
Sitetools  
Administrative Tools  
NCLB  
KAA  
KELPA  
Interim  
Teacher Report  
Print Tickets  
Monitor Status  
Download Building Data  
My Account  
About Us  
Assessment Program  
Assessment Links  
News  
Research

### Interim Assessment - Monitor Status

Check the box alongside a test if you wish to reactivate a student. Be sure to click the "Reactivate Selected Student(s)" button at the bottom of this list before leaving this page. Listed with each assessment is the time taken (the time duration between first login and most recent ending time).

Name	Status
Blunt, Derek	<input checked="" type="checkbox"/>
Darling, George	<input type="checkbox"/>
Darling, Mary	<input type="checkbox"/>
Dear, Jim	<input type="checkbox"/>
Duck, April	<input type="checkbox"/>
Flaversham, Olivia	<input type="checkbox"/>
Gander, Gladstone	<input checked="" type="checkbox"/>
Mouse, Timothy	<input checked="" type="checkbox"/>
Mulan, Fa	<input checked="" type="checkbox"/>
Porter, Jane	<input checked="" type="checkbox"/>
Rabbit, Roger	<input checked="" type="checkbox"/>
Radcliffe, Anita	<input checked="" type="checkbox"/>
Robinson, Cornelius	<input checked="" type="checkbox"/>
Slade, Amos	<input checked="" type="checkbox"/>
Tremaine, Nancy	<input checked="" type="checkbox"/>

- Interim Assessment has not been taken/ready for testing.
- Interim Assessment is being taken.
- Complete! Cannot be reactivated.
- Interim Assessment has been reactivated; can proceed with test.

- Reactivating student test sessions
  - In rare circumstances, it is necessary to reactivate a students' session due to a student not completing an entire test because of power failure, loss of internet connection, or other reasons.

- A student may use the same username and password if the student logs in again to KCA within 90 minutes of the time the test began. If the interruption is longer than 90 minutes, then that students' test must be reactivated.
- Reactivation requires a teacher level account.
  - Log on to the CETE website at [www.cete.us](http://www.cete.us).
  - In the left-hand column, click on "Interim Assessment."
  - Click on the course name of the students taking the interim assessment.
  - Click on "Monitor Status."
  - Go to the row with the student's name.
  - Click on the small box beside the appropriate test to be reactivated.
  - Click the button at the bottom of the screen titled **Reactivate Selected Student(s)**.
  - Reactivated interim assessments will resume in the same test part that was interrupted. Students will not be able to return to test parts completed prior to the interruption.

#### **When Students Have Completed the Test**

- When students have completed Part 1 of the interim assessment, the End Review Screen will pop up to indicate whether all questions have been answered. The student will see a prompt giving them an option to go back or to go to the next part. The same thing will happen after Part 2. After Part 3, the student will be similarly prompted to go to the next part, which will end the test session.
- Scratch paper (also graph paper if used) should be collected and destroyed.

## ACTIVITIES FOLLOWING THE INTERIM ASSESSMENT

### Viewing Interim Assessment Results

#### Teacher LOGIN

- After administering the interim assessment, teachers should go to <http://www.cete.us> and log in to the Management and Reporting Tool using their account credentials.
- On the left side of the page, click on “Interim.”
- Click “Teacher Report.”
- You should see the following welcome screen introduction:

*Welcome to the classroom assessment reporting tool. The information provided here is intended to assist teachers and administrators in identifying students’ strengths and weaknesses in regard to the Kansas (subject) indicators tested. The aim is to provide timely and accurate data to assist educators in planning effective instruction.*

*In order to provide you with data tailored to your instruction, the data manager must collect information about what you have taught this year prior to the date when your students participated in the interim assessment. Please check all indicators you taught prior to the interim assessment.*

#### Entering Instructed Indicators

- A list of tested indicators for the teacher’s grade and subject will be presented. The teacher should click the check box beside any indicators that were taught prior to the interim assessment. The teacher should consider whether the instruction provided prior to an assessment for each indicator was adequate for students to be able to succeed with all potential items assessing that indicator.
- Once a teacher submits this information, it will be saved for the current administration window.
- At any time after the teacher has submitted tested indicator information, the current set of indicator check boxes will be pre-populated with prior submissions.
- When at least five indicators have been taught prior to an interim assessment, the teacher’s report will contain scores reflecting student performance on all tested indicators as well as scores reflecting student performance on only those indicators taught prior to the test.
- If a teacher chooses not to submit information about what was taught prior to the interim assessment and instead skips straight to reports, then that teacher’s reports will contain only scores reflecting student performance on all tested indicators.

Kansas Mathematics Interim Assessment Reports		
Welcome to the classroom assessment reporting tool. The information provided here is intended to assist teachers and administrators in identifying students’ strengths and weaknesses in regard to the Kansas mathematics indicators tested. The aim is to provide timely and accurate data to assist educators in planning effective instruction.		
In order to provide you with data tailored to your instruction, the data manager must collect information about what you have taught this year prior to the date when your students participated in the interim assessment. Please check all indicators you taught prior to the interim assessment.		
Fall 1	Indicator Description	
<input checked="" type="checkbox"/>	M.4.1.2.K1	Identifies, models, reads, and writes numbers using numerals, words, and expanded notation.
<input checked="" type="checkbox"/>	M.4.1.2.K5	Uses the properties of algebra and demonstrates their meaning with whole numbers.
<input checked="" type="checkbox"/>	M.4.1.4.A1	Solves one- and two-step problems using whole numbers or money.
<input checked="" type="checkbox"/>	M.4.1.4.K6	Relates and models arithmetic operations within basic fact families.
<input checked="" type="checkbox"/>	M.4.2.2.K2	Solves one-step equations with whole number solutions including problems with money or time.
<input checked="" type="checkbox"/>	M.4.2.3.A1	Represents whole number relationships using concrete objects, graphics, words, symbols, and tables.
<input checked="" type="checkbox"/>	M.4.2.3.K2	Interprets and builds tables of values representing functions.
<input checked="" type="checkbox"/>	M.4.3.1.A2	Identifies the plane figures in a composite figure.
<input type="checkbox"/>	M.4.3.2.A2	Evaluates whether estimates of measurements given in real-world problems are reasonable.
<input type="checkbox"/>	M.4.3.2.K2	Measures and describes lengths, volumes, weights, temperatures, and times.
<input type="checkbox"/>	M.4.3.3.K2	Recognizes, performs, and describes transformations on geometric figures and concrete objects.
<input type="checkbox"/>	M.4.3.4.K3	Identifies and plots points as ordered pairs in the first quadrant of the coordinate plane.
<input type="checkbox"/>	M.4.4.2.A2	Makes inferences based on minimum, maximum, range, mode, median, and mean values in small data sets.
<input type="checkbox"/>	M.4.4.2.K1	Accurately organizes, displays, and reads numerical and non-numerical data in various representations.

### Class Roster Report

- The class roster report displays one line for each student enrolled in the teacher’s class. The data in this report will include the scale scores from each interim assessment the students took to date. If the teacher submitted at least five taught indicators, instructed indicator scores will be calculated. They will display in the reports after a brief delay of up to 24 hours.
- Interim assessment scale scores are on the same scale as the general summative assessment for a given grade. Therefore, they can be compared to each other and to general summative assessment scale scores. Interim assessment scale scores offer a snapshot of how students would perform on the summative assessment on the date the interim assessment was given. They do not offer information about how students will perform after receiving additional instruction.
- With each successive test administration, the number of columns in the class roster report will increase to permit teachers to view historical data over the course of one year of instruction.
- After students take the summative assessment, their scores and proficiency categories on the summative assessment will be presented alongside interim assessment scores. The percent of the class that achieved each proficiency category will be displayed in a bar below the data table.
- Students who will take the KAMM are welcome to take the interim assessment. However, their scores on the interim assessment and the KAMM should not be compared.
- KAMM scores will not be displayed in the interim assessment roster report, as these are not comparable to the general summative and interim assessment scores.

### Class Roster Report

Kansas Mathematics Interim Assessment Scale Scores

Student Name	Kansas Student ID	Interim Scale Score Fall 1
Blunt, Derek	111999005	96
Flaversham, Olivia	111999013	98
Gander, Gladstone	111999008	30
Mouse, Timothy	111999015	98
Porter, Jane	111999010	58
Rabbit, Roger	111999014	82
Radcliffe, Anita	111999002	89
Slade, Amos	111999001	89
Tremaine, Nancy	111999012	63

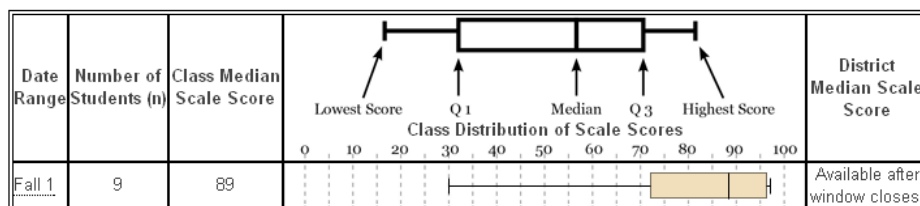
[View all Student Reports >>](#)

### Class Score Distribution Information

- Class score distributions for interim assessment scale scores and instructed indicator scale scores are displayed in box and whisker plots.
- The following statistics are used:
  - Lowest score in the class
  - Lower quartile – 25% of the class scored at or below this score
  - Median - 50% of the class score at or below this score
  - Upper quartile – 25% of the class score at or above this score
  - Highest score in the class

### Interim Assessment and KCA

Class Median Scale Scores and Score Distributions



### District Score Information

- District median scores will be available after each test administration window closes.

### Indicator Representation on the Interim Assessment

- One interim assessment, which includes three parts, contains approximately the same balance of indicator representation as the general summative assessment for each grade and subject.
- Indicator scores will not be reported for the interim assessment due to the limited number of items per indicator that are presented on each assessment

### Indicator Representation on the Interim and General Summative Assessments

Grade 4 Mathematics

Standard Description	Indicator Description	Number of Items per Indicator on Interim Assessment	Number of Items per Indicator on the General Summative Assessment	
Numbers and Computation	M.4.1.2.K1	Identifies, models, reads, and writes numbers using numerals, words, and expanded notation.	2	5
	M.4.1.2.K5	Uses the properties of algebra and demonstrates their meaning with whole numbers.	2	4
	M.4.1.4.A1	Solves one- and two-step problems using whole numbers or money.	3	8
	M.4.1.4.K6	Relates and models arithmetic operations within basic fact families.	3	7
Algebra	M.4.2.2.K2	Solves one-step equations with whole number solutions including problems with money or time.	2	5
	M.4.2.3.A1	Represents whole number relationships using concrete objects, graphics, words, symbols, and tables.	3	5
	M.4.2.3.K2	Interprets and builds tables of values representing functions.	2	4
Geometry	M.4.3.1.A2	Identifies the plane figures in a composite figure.	2	4
	M.4.3.2.A2	Evaluates whether estimates of measurements given in real-world problems are reasonable.	2	4
	M.4.3.2.K2	Measures and describes lengths, volumes, weights, temperatures, and times.	4	8
	M.4.3.3.K2	Recognizes, performs, and describes transformations on geometric figures and concrete objects.	2	4
	M.4.3.4.K3	Identifies and plots points as ordered pairs in the first quadrant of the coordinate plane.	2	4
Data	M.4.4.2.A2	Makes inferences based on minimum, maximum, range, mode, median, and mean values in small data sets.	2	5
	M.4.4.2.K1	Accurately organizes, displays, and reads numerical and non-numerical data in various representations.	2	6

## MANIPULATIVES

### Approved Manipulatives for the Mathematics Interim Assessment

- Manipulatives that are routinely used in the classroom may be used by the student on the Kansas Assessments.
- The manipulative MUST be chosen by the student. The teacher may neither suggest a particular manipulative nor insist that a manipulative be used.
- If you have a question about whether a particular manipulative is allowed, please e-mail Sid Cooley at [scooley@ksde.org](mailto:scooley@ksde.org) or David Barnes at [dbarnes@ksde.org](mailto:dbarnes@ksde.org).
- Students are allowed to use graph paper, blank paper, and other materials.
- Textbooks, dictionaries, and other instructional/curricular materials are NOT to be used during testing. This includes classroom posters, teacher or student-generated journals, and other instructional materials that may have been used during the course of instruction and/or permitted during previous years' testing.
- Graphic organizers that are generated solely by the student on blank paper during the assessment are allowed.
- Computation tables or fact tables are considered equivalent to a calculator and may be used on any test item that allows a calculator.
- Not all of the manipulatives in the following list will be found in every classroom. Manipulatives will not be useful on the assessment if they have not been used regularly during the year. Use of manipulatives is optional.

### Examples of Manipulatives Appropriate for the Mathematics Interim Assessment

- Base 10 blocks
- Chips, two-color counters, two-sided counters
- Clock or clock face
- Color tiles (squares)
- Cubes: multilink, connecting, color, wooden, unifix, or multilink cubes
- Cuisenaire rods
- Geoboards
- Geometric solids
- Graph paper
- Hundreds chart
- Integer number line
- Money
- Number cubes
- Pattern blocks
- Rulers, meter sticks, protractors, compass
- Snap blocks
- Spinners
- Transparent mirror or mira

## ACCOMMODATIONS

### Overview

- The interim assessment is available only via the KCA software. Paper/pencil accommodations are not available for the interim assessment.
- The interim assessment is not equipped with the audio voice option. Students who are eligible for the read-aloud accommodation will require individualized accommodations to meet this need.
- Students with current IEPs and 504 plans may only use accommodations documented on IEP and 504 plans.
- General education students may only use accommodations permitted by KSDE.
- Accommodations should not be used on interim assessments if they have not been a regular part of instruction.
- For additional information about accommodations or for guidelines about the read-aloud accommodation, consult the accommodations manual available on the KSDE website <http://www.ksde.org/Default.aspx?tabid=2372>.

### Accommodations Prohibited for All Students

- Use of teacher-generated or student-generated journals, notes, logs, etc. is prohibited.
- Use of commercially-made, teacher-made, or teacher-generated graphic organizers is prohibited.

### Accommodations for ELL Students

- The interim assessment is available only in English.
- Directions may be read to the student in English or explained in the student's native language.
- The entire mathematics interim assessment may be read to students, but readers may not translate.
- Test questions, answer choices, labels, graph titles, etc. may NOT be translated into the student's native language by teachers, test administrators, or adult readers.
- Electronic translators and bilingual dictionaries may be used by examinees to read directions, test questions and answer choices.

### Read-Aloud Accommodation Policy

- Student need
  - A student who needs a read-aloud accommodation is one whose ability to convey knowledge of the subject/content area is **severely** limited by his/her inability to read the assessment materials.
  - A student's need for the read-aloud accommodation must be documented on one of the following plans:
    - Pre-intervention plan (student improvement plan)
    - ELL plan
    - 504 plan
    - IEP
  - The read-aloud accommodation is for a student who needs the entire assessment read to him/her. In order to use the read-aloud accommodation on the state assessment, the student must have the read-aloud accommodation provided in the classroom on a regular basis (i.e., as an on-going practice), for both instructional material and assessments/tests.
  - Readers administering the read-aloud accommodation must be provided training at the local building/district level.
- Due to the adaptive design of the interim assessment, it is only appropriate to provide the read-aloud accommodation to individual students because different students will be presented with different test questions.
- There are no scripts for the read-aloud accommodation for the interim assessment.
- The only option for administering the read-aloud accommodation for the interim assessment is use of the KCA administration with an adult reader.
- The read-aloud accommodation does not refer to an adult reading a single word, a single distractor, a single stem, or a single question to a student. These practices should be considered acceptable assessment practice requiring no special documentation, and their use falls within teachers' professional discretion.