

Standards Mastery

Powerful Insights into the TEKS; Powerfully Informed Teaching



What Is *i-Ready Standards Mastery*?

- Fully digital assessment to determine learning of a specific, targeted standard or set of standards for Grades 2–8
- Covers standards for Reading and Mathematics, including content that will be assessed on STAAR 2.0
- Offers two pre-built assessment forms per standard/skill, each known as a "Mastery Check"
- Each Mastery Check takes approximately 15 minutes to complete, and responses are instantly scored.
- Provides educators with specific feedback about what students know and can do with respect to a targeted standard or set of standards



i-Ready Standards Mastery Gives Educators:



Immediate insight into student understanding, progress, and need, including a response analysis for each student with common misconceptions about the standard



Instructional recommendations and resources best suited to support students based on their current understanding of specific skills and concepts



Assessments that are technically sound with actionable reports that provide immediate feedback about next steps in student learning

Formative and Interim Uses to Enhance Instruction

Part of the *i-Ready Assessment* suite, *i-Ready Standards Mastery* gives educators deep insight into their students' understanding of individual skills and concepts. Once students have taken an *i-Ready Diagnostic* to gain an overall picture of student performance, educators can use Standards Mastery to evaluate students' performance on key Texas Essential Knowledge and Skills (TEKS).

Used for *formative assessment* processes:

Formative assessment can have powerful effects on learning. Classroom teachers choose which assessments will help them gain insight into their students' understanding of specific concepts and skills. Teachers can determine next steps in standards-based instruction for their classes, small groups, or individual students who many need more support.

Used for *interim assessment*:

District administrators choose key standards to monitor throughout the year to inform resource allocation and instructional decisions. This can help school leaders track academic trajectories and help students practice and prepare for other testing.



- Use to help increase student familiarity with digital tests.
- Use one form before a lesson to see what students know and another form after a lesson to see what they learned.
- Use a Mastery Check during whole class instruction, then assign another Mastery Check on the same standard for small group work.





Insightful Items That Assess Targeted Skills and Concepts on the TEKS

Many of the test questions on *i-Ready Standards Mastery* rely on technology to focus on critical-thinking or process skills that may not be as easily assessed with multiple-choice items. These items are generally more like the experiences students have in the classroom and therefore can be more engaging and relevant to day-to-day classwork. The benefits of these items include that they:

- Assess knowledge and skills that require applying critical thinking and/or involve complex processes
- Represent authentic, real-world tasks while aligning more closely with classroom instruction
- Increase students' engagement and thus allow for better assessment of skills and concepts
- · Allow for more nuanced breakdown of content, which allows for more information about what students know

i-Ready	Grade 4
Amaya pours water from bottles to fill larger containers. Each bottle has 2 liters of water as shown.	Far A And starts to make a table to show the number of bottles of water she uses to fil a bucket and a vase in liters and individual starts. Uration and the table to show the number of bottles of water she uses to fil a bucket and a vase in liters and individual starts. Uration and the table to show the number of bottles of water she uses to fil a bucket and a vase in liters and individual starts. Uration and the table to show the number of bottles of water she uses to fil a bucket and a vase in liters and individual starts. Uration and the table to show the number of bottles of table to show the number of bottles. Uration and table to show the number of bottles of table to show the number of table to show the number of table to show the number of table table to show the number of table table. Uration and table to show the number of table table table table. Uration and table table table table table. Uration and table table table table. Uration and table table table table. Uration and table table.
	Amaya hills a hish tank with 6,000 millillers of water. How many 2-liter bottles of water does she use to hill the hish tank?







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Technology-Enhanced Items: Mathematics



i-Ready	Grade 2	×
Devin has 8 toy cars. His frie Part A Devin solves 8 + 5 on an ope Drag a number into each box	nd gives him 5 more toy cars. n number line to find how many toy cars he has now. He makes a 10 when he adds the numbers. to complete the number line. Not all answer choices will be used.	
		С
	5 6 > 1 of 6 Finish Later II Submit	

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i-Ready	Grade 3		×	
This rectangle is divided into equal parts. Shade the rectangle to show $\frac{4}{6}$ shaded. Click on the	e model to shade it.			
				0
1 2 3 4 5	6 > 1of6	Finish Later II	Submit 🗸	

∲i-Ready	Grade 7	×	
Account A pays 5% simple a How much more interest do	innual interest. Account B pays 5% annual interest that is compounded es account B pay than account A with an investment of \$20,000 over 3	yearly. years?	
			0
	6 > 1 of 6 Finis	h Later II Submit 🗸	



Technology-Enhanced Items: Reading

- **V** Highlight Text
- **V** Drag-and-Drop
- **V** Inline Choice

- Choice Matrix
- Sordered List
- Cloze (Fill in the Blank, Text Entry)

Selected Response (Multiselect and Multipart)

Ready	Grade 3 X	
Read the poem. Then, answer the question that follows. Surprise Garden A bunch of seeds, small and brown, Hard to believe they will spring from the ground. But they will grow more than just flowers. Our little seeds have super powers! 5 Just wait, just wait, and you will see This garden will be as great as can be! Well add seeds for flowers of many sizes, And hope we get a few surprises. Colors will dance before your eyes— 10 Beauty, and a special prize. But first we work to help it along To make our garden a living song. We plant the seeds out in the sun. We water them, but we're not done. 15 We have to wait and wait some more. We water and wait and soon they soar. They grow up toward the big blue sky, And soon, they catch a butterfly's eye. She lands on one, some rest to get, 20 But shhhh we know her little secret. Again we wait, and wait some more While taking care, as before.	Read lines 13–24 of the poem. These three stanzas each add something new to the poem. Drag each event below to the order in which it happens. A butterfly visits the garden. A caterpillar goes to sleep. The gardeners plant seeds. The gardeners see a caterpillar.	(
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Step 1: Put gelatin in bowl. Pour water over gelatin, then set aside. III Step 3 III Step 5 III Step 6 Step 2: With polato masher, mash or break up strawberries in pan. III Step 3 III Step 5 III Step 6 Step 3: Stir sugar into mashed strawberries. Step 4: Ask a grown-up to cover the pan and cook on low heat for 5 minutes. Stir to keep from burning. III Step 3 III Step 5 III Step 6
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 Read the passage. Then, 1 "It's a beautiful day to µ 2 Liza, who was lying or to the creak ever again. Go to the creak ever again. Go to the creak ever again. Go to the day to prove the and dip their besi in the child though, was to collect inter 3 "Come on" Liza's mon because she moved away." 4 Liza sighed. She just person she'd ever met who 5 "Let's try it, just this on 6 Liza agreed and walke tried hard not to let tears fail 7 "Have you written Dev. 8 "I tried," Liza answere 9 When they got to the shoes and dipped her toos by. Shil, Liza helt sad. 10. Then suddenly, she as a rolly boring letter." 	answer the questions that follow. The Thing about Rocks go to the creek, " Liza's mom said. It he cruech reading a book, shock her head miserably. She didn' ng to the creek was something special that the did with her beel for revery Tuseday alternoon for three years. They leved to take of the varies and to look for frogs, turtles, fish, and bugs. Their favorite asting rocks. In urged. "I know you miss Devin, but you can't give up on your fav didn't see how she could possibly have fun without Devin, the got as excited about rocks as Liza did. ce and see if you can have any fun," Liza's mom urged. I from her eyes. In a letter yef?" Liza's mom asked. d, "but I couldn't think of anything to say except 1 miss you," and creek, Liza's mom sat down on a rock as she always did. Liza in the water. A frog hopped along beside her, and a school of tim we something gleaming in the dirt and ploked it up. It was the m was mother or with sontive barree his in it and it was thened in the mother bar of the and ploked it up. It was the m	This question has two parts. First, answer Part A. Then, answer Part B. Part A Which sentence best expresses a theme of the story? At want to go friend, Devin, Thier is bass a thing to do, Good friends can share special things from afar. Part B Choose one sentence from below that most clearly supports the theme in Part A. The mer head and The suddenly, she saw something gleaming in the dirt and picked it up. It was the most beautiful rock. Liza had ever seen. It was mostly gray with sparkly silver bits in it, and it was shaped like a heart. The Aday at the orek into her pocket, an idea popped linb her head. She ran over to her mother and said. "I am so glad we came here! I am going to find liss of rocks, and then I am going to write a letter to Devin telling her all about what I found!"
10 Then suddenly, she sa	aw something gleaming in the dirt and picked it up. It was the ma	ost beaufiful
rock Liza had ever seen. It	was mostly gray with sparkly silver bits in it, and it was shaped lik	ke a heart.



Informative Reports That Provide an In-Depth Picture of Student Learning

Standards Mastery Reports:

- Can be used to show performance on particular standards for a specific classroom, within a school, or across an entire district
- Provide an in-depth and comprehensive look at the standards. It is possible for an educator to see the distribution of the class across each standard to determine opportunities for extended learning and reteaching.



School or District





Differentiated Instructional Support to Meet Students on Their Learning Journey

For every standard that is assessed in Standards Mastery, there is a Differentiated Instructional Support resource. This resource provides information about a standard, potential and possible misunderstandings, prerequisite skills, and information to help teachers understand where students might be in their learning of the specific standard. This support can help teachers determine the content and skills that need more targeted focus and how to do this strategically.

Read and Write Decimals	Ready & i-Ready Instructional Resources
Standard 21 Approach to have of the digrin individual through the thousands the stars appealed and the stars and the stars of the digrin individual through the thousands and the stars and the stars and the stars and the stars and the stars through the stars and the stars and the stars and the stars through the stars the stars and the stars and the stars the stars and the stars a	Anderson provides and an experimental and experimental and an expe
mon Misconceptions and Errors organized even way well? Balacin bit hadded at the second second second second second second second indicate the second second second second second second second second second second second second second second well and second	New Jorden and Proceedings and

Categories Designed to Make Reports Even More Actionable

Show how students are performing as a group in certain standards, such as those standards that are particularly important to the school or district.



61 percent of students at this elementary school are Proficient in the skill of Points, Lines, Rays, and Angles.

Let's take a closer look at these reports.

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Standards Mastery Results by Test—*for a School or District*

Standards Mastery Res	ults by Test 👻					
Subject School Math	•					••• Key
Grade Assessment 4 Multiply Whole N	lumbers	•	Understand qui are performing	ckly and eas 3 on impor t	sily how tant TEM	students (S.
Students Completed/Assigned: 475/5	38					
SKIIIS SUMMARY 1 Skill Assigne	d					
Standards Skill		Performance Distrib	ution		Avg. Score	e Resources
4.4.D (i) Multiply Whole Nu	Imbers				63%	PDF
Show Results By School Showing 1 of 1 Showing 1 of 1	tand class perfor ntly taught standa	mance rds.				
School Q 🗘	Average Skill 🔨 Score 🗸 🗸	% Proficient 🗘	% Progressing	% Beginning	÷	Students Completed/Assigned
Evergreen Elementary	63%	56%	32%	12%		475/538



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Standards Mastery Results by Test—*for a Class*

Standards Master	y Results -							POF
Subject Math	Class/Report Group Grade 5, Section 1	A:	ssessment Grade 5 Fractio	ons	•			••• Key
Skills Summary								
Standards Skills			Performance I	Distribution			Avg. Score	Resources
5.2.A (i) Read a	nd Write Decimals						72%	Download 🔱
5.2.B (i) Compa	re Decimals to Thousand	dths					43%	Download 🔱
5.2.C (i) Round Decimals to Tens or Hundreds		dreds				38%	Download	
Assessment Summary 51% Average Test Score 16 students completed	Profi	D cient	5 Progress	ing	5 Beginning	J	4. Not Comp	oleted
Assessment Detail	See how stud overall and c	dents are doir on particular	items.				View /	• • • Key
Showing 20 of 20								
Student Q	Assessment Score	Skill Score ᅌ	1 🗘	2 👶	з 🗘	4A 🔶	4B 📏	5 👶
Class Summary	51%	72%	85%	80%	76%	64%	43%	50%
Sanchez, Abby	87%	100%				٠		
Choi, Isabella	80%	75%			0			
Baker, Danielle	79%	80%	•		0	•		•
Lowe, Noah	78%	80%		•		٠		0
Bowers, Tara	73%	80%		•		D	etermine h	ow the class
Warren, Santino	70%	75%		•	0	is it	performin ems and sk	g on specific ills.
Patel, Mia	58%	61%	0	•			0	•
Singh, Brian	49%	71%	0	•		0		



The incorrect response options for each question, which are commonly known as "distractors," are carefully developed by educators and content experts so each distractor represents a different common misconception about the standard that may lead students to answer incorrectly. The rationales for why a student may have chosen a given incorrect response is shared in each student's report, helping educators not only understand what a student knows, but also what a student may not know about a standard based on which distractor the student selected. Teachers can then use this information to target teaching around these misunderstandings.

Standards Mastery Results

School	ATLANTIC WEST ELEMENTARY
Subject	Mathematics
Student	Luna, Francine
Student ID	013189
Student Grade	4
Assessment	Grade 4 Mathematics 09/12/21
Score	36%
Completion Date	11/10/21

Use this report to review a student's results on a Standards Mastery assessment. Review the student's responses and common misconceptions for each wrong answer.

Item 1 Andrea is ordering a photo book by the page. Each page can fit 4 photos. She wants to put 63 summer photos and 35 winter photos into the photo book. How can Andrea find the fewest number of pages she will need to order for all of her photos? Use the dropdown menus to complete the explanation. Andrea must 1 ad ✓ 63 and 35 to find the total number of photos she has. Then she has to 2 Choose the total by 4 to find the number of pages she needs. There will be 3 Choose pages with 4 photos each. She will have 4 Choose left over. Andrea will need to order 5 Choose pages for	Student reports provide item-by- item evidence of learning .
all her photos. Correct answers: 2 divide 3 24 4 2 photos 5 25 Students may have an incorrect response because they do not understand how to set up and solve multistep problems. They may have chosen an incorrect operation to use in each step and, as a result, come up with an incorrect number of pages. If the response is 392 pages, students likely added to find the total number of photos but multiplied by 4, instead of dividing by 4, to find the number of pages needed, or they may have solved correctly but misinterpreted what to do with the remaining 2 photos and either	Teachers can help students get where they need to be for

Standards Mastery Differentiated Instructional Support

Know specifically what's being assessed.

i-Ready Standards Mas : ery: Differentiated Instructional Support

Read and Write Decimals

Standard

5.2.A Represent the value of the digit in decimals through the thousandths using expanded notation and numerals.

Prerequisite Standards

3.2.A Compose and decompose numbers up to 100,000 as a sum of so many ten thousands, so many thousands, so many hundreds, so many tens, and so many ones using objects, pictorial models, and numbers, including expanded notation as appropriate.

4.2.A Interpret the value of each place-value position as 10 times the position to the right and as one-tenth of the value of the place to its left.

4.2.B Represent the value of the digit in whole numbers through 1,000,000,000 and decimals to the hundredths using expanded notation and numerals.

Overview of Tested Skills

Problems on this assessment form require students to be able to read and write decimals to the thousandths place using base-ten numerals, number names, and expanded form using both fractions and decimals, and to solve word problems involving decimals. Students will also need to be familiar with multiplying and dividing by ten and solving problems involving multiplication and division by ten.

Common Misconceptions and Errors

Misconceptions and errors may result if students don't understand the relationship between place value, base-ten numerals, and number names, or that $\frac{1}{10}$ indicates tenths, $\frac{1}{100}$ indicates hundredths, and $\frac{1}{1000}$ indicates thousandths.

Errors may also result if students:

- write the digits of a decimal number in the incorrect columns of a place-value chart.
- write two digits in one column of a place-value chart.
- multiply or divide a decimal by ten incorrectly.
- · identify the least place value of a decimal incorrectly.
- write a decimal with the 0 in the tenths or hundredths place incorrectly.

Know why students may not understand the content, and address any underlying misconceptions.

Information to help teachers meet students where they are in their learning, with areas of focus and suggested activities

📦 i-Ready

Ready & i-Ready Instructional Resources

Consider using the following resources and the Learning Games* as additional instructional resources for students who have placed on or above level in Number and Operations. See additional recommendations on page 2 for students performing below grade level. Additional lessons can also be found in STAAR Ready.

Beginning

Focus: Developing Underlying Concepts

Help students apply their knowledge of decimal place value to read and write decimals to the thousandths place in standard form, word form, and expanded form. Connect the value of each digit in a decimal to the value of the equivalent fraction. Then help students identify the least place value in a decimal number and use it to determine the value of the fractional part.

Teacher-led Small Group

Toolbox: Ready Instruction Grade 5, Lesson 3 Read and Write Decimals i-Ready: Tools for Instruction Number and Operations, Level 5

Read and Write Decimals to Thousandths

Progressing

Focus: Practice and Building Confidence Help students pay careful attention to the words and the numbers in each problem. Build confidence with independent practice representing decimal numbers using place-value charts, number names, base-ten numerals, and expanded form.

Independent

Toolbox: Ready Practice and Problem Solving Grade 5, Lesson 3 Read and Write Decimals i-Ready: Instruction Level E

Read and Write Decimals

Student-led Small Group **Toolbox: Center Activities** Grade 5, Lesson 3

5.11 ★ ★ Decimal Number Forms

Toolbox: Interactive Tutorial Grade 5. Lesson 3 Read and Write Decimals

Student-led Small Group

Toolbox: Center Activities Grade 5, Lesson 3 • 5.11 ★ Decimal Number Forms

Proficient

Focus: Deepening Understanding Encourage students to deepen their understanding of reading and writing different forms of decimal numbers

Student-led Small Group **Toolbox: Center Activities** Grade 5, Lesson 3

5.11 ★ ★ ★ Decimal Number Forms

* Learning Games are included with i-Ready Instructior





Teachers Love Standards Mastery

There are so many reasons educators are seeing results with Standards Mastery.

🝼 Increased Ownership for Teachers

With Standards Mastery, teachers gain confidence in knowing that students have learned the standard and are ready to succeed on the assessment. When students aren't yet ready, the teacher can reteach again until mastery is achieved.

Able to Assign Assessment to Small Groups

Teachers like that Standards Mastery gives them the ability to assign assessment to the individual small groups who need focused attention on a given standard. This gives teachers the freedom to do what they feel will work best in their own classroom.

🔮 Quality of Assessment Items

Teachers are impressed by the quality of the items in the bank and, again, with how easy it is to use the items they know are most suited to their learners.

Specific and Targeted Data

The standards-aligned data gives teachers the specific insights needed to understand exactly where and why students need support, along with the tools to reteach to fill instructional gaps. Because students are engaged in the process as well, they feel ownership of the learning and understand why they are being reassessed or receiving repeat instruction on a particular area.

66 I love how *i*-Ready Standards Mastery allows students to respond to a variety of question types, giving them an opportunity to really show what they know! ??

-District Administrator, Galena Park School District, TX

C It really created some ownership and some buy-in for this reteaching process that we've never seen before. Teachers now know they have the support to use something that's been vetted and has been proven to be standards aligned.??

> —Instructional Leadership Director, Shelby County Schools, TN

66 This is a good formative assessment for teachers. It gives quick, instant feedback. The item analysis is very nice. **99**

—**District Administrator,** Richmond City Public Schools, VA

Using Standards Mastery to Drive Instruction

How to Use Standards Mastery as Part of Classroom Formative Assessment

Standards Mastery is designed to be incredibly flexible in the ways it can be used to help improve student learning. This particular example illustrates one way an educator may want to use Standards Mastery as part of their regular classroom **formative assessment processes**.

Mr. Maldonado and Standards Mastery

A Grade 4 teacher, Mr. Maldonado, has been teaching a unit on multi-digit multiplication and division. He wants to check his students' understanding before moving on in the unit.

He has already administered the *i-Ready Diagnostic* and has used the information from that, but he is hoping for more detailed information specific to the unit he's teaching.

What Should Mr. Maldonado Do?

- A Search the web for a worksheet, or he could make his own test.
 - B) Try and purchase another assessment system.
 - C) Use i-Ready Standards Mastery!

Let's see what Mr. Maldonado decides to do!

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Here are his next steps:



- First, Mr. Maldonado needs to determine which standard or standards he will assess. In this case, he is interested in his students' ability to multiply multi-digit numbers, so he selects a Standards Mastery Check that assesses this standard.
- Standards Mastery measures every standard, so he finds his assessment with no problem.
 He can preview it to ensure it measures the concepts he thinks his students need support with.

2 Assign

Assign the assessment to students.



- Next, he assigns the Mastery Check to his students. It only takes a few minutes to select the assessment and assign it.
- He could have assigned it to a single student, a group of students, or his entire class. In this case, he decides to assign a Mastery Check to the entire class.

3 ASSESS Assess students on the chosen standard.



- Next, Mr. Maldonado has his students take the assessment.
- It only takes about 15 minutes on the computer to complete!



Review results, first looking at class performance and then individual students' performance.

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- Mr. Maldonado wants to know how his class performed, so he opens *i-Ready* and looks at the report for his class.
- He sees that eight students are Proficient, four are Progressing, and seven are Beginning, with an average score of 51 percent correct.
- He can easily see which questions were most frequently answered correctly and incorrectly, and he can quickly look at the questions if needed.

 Mr. Maldonado uses one of the most powerful report features: the individual report with response analysis. This gives him insight about any student misunderstandings or misconceptions.

5 Instruct

Use information from Standards Mastery to help with classroom instruction.



- Mr. Maldonado can use information from the studentlevel reports to provide reteaching if needed.
- To make it even easier to use Standards Mastery in classroom instruction, a differentiated instructional resource is provided for each standard assessed in Standards Mastery.

Flexible and Informed Instruction

Mr. Maldonado can repeat the use of Standards Mastery throughout the year, being careful to find the right balance between ensuring he has enough information to inform his classroom instruction without over-assessing his students. Standards Mastery is an incredibly flexible assessment system that can help Mr. Maldonado meet the needs of his students.



Measure Mastery of the TEKS

i-Ready.com/StandardsMastery

To see how other educators are maximizing their *i-Ready* experience, follow us on social media!

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