

Online SRTs Guide for Educators

This guide provides educators with information on the [online Student Readiness Tools \(SRTs\)](#) (Minnesota Assessment Hub > Resources & Training > Student Readiness Tools (SRTs) > Online SRTs) for students preparing to take an online MCA.

The online SRTs can be used to familiarize students with the look and feel of an online MCA, the types of questions on the test, and how to indicate answers to questions.

Note: The SRTs are not representative of the grade-level content of the MCAs. The [Minnesota Questions Tool \(MQT\)](#) (Testing 1, 2, 3 > Assess > Released MCA Questions) contains released or sample test questions from past MCAs for reading, mathematics, and science to help educators better understand how the MCAs are aligned to the Minnesota K-12 Academic Standards. In addition to supporting educators in understanding how the academic standards are assessed, this tool is used to identify student misconceptions and provide examples of questions that assess student understanding at different DOK (Depth of Knowledge) levels.

Educators can familiarize themselves with the online SRTs before using the tools with students. Educators may also use the online SRTs in conjunction with the [paper SRTs](#) (Minnesota Assessment Hub > Resources & Training > Student Readiness Tools (SRTs) > Paper SRTs) to identify the appropriate accommodations for their students.

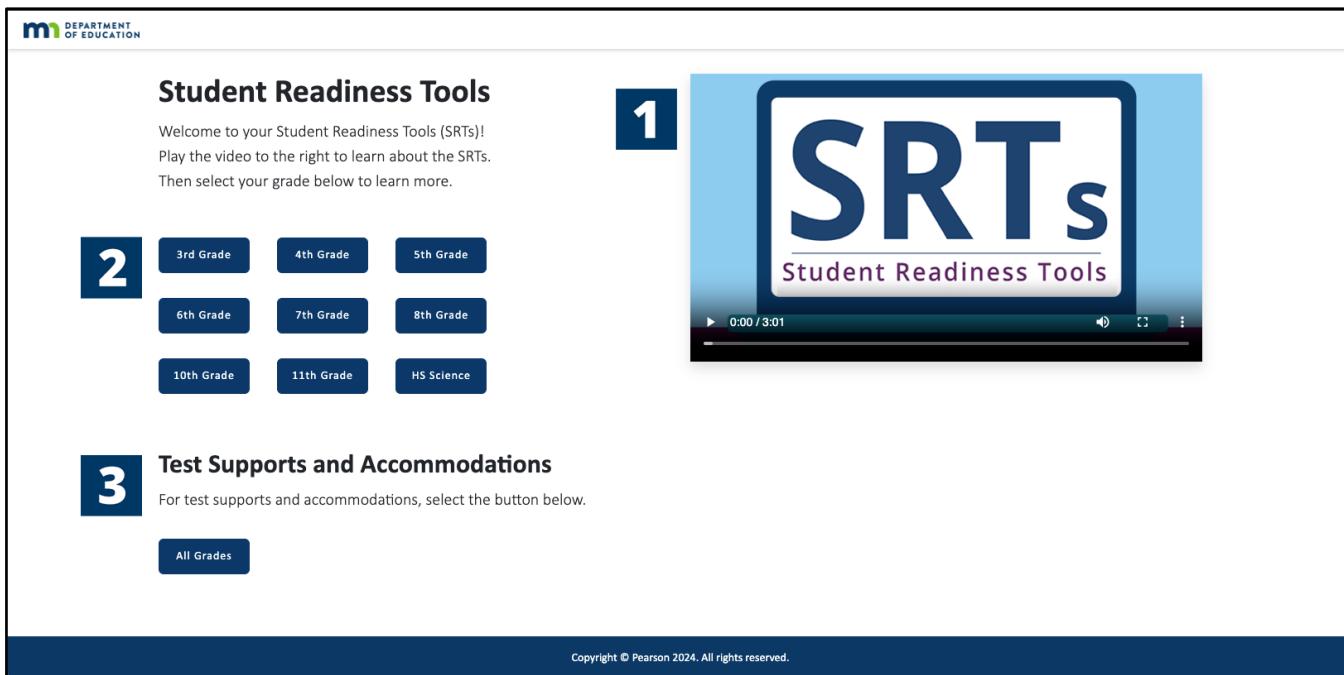
This guide outlines the organization of the online SRTs and how they can be effectively used to prepare students for the MCAs. For additional detailed information on each of the features covered in the tutorials, refer to the *Online SRT Tutorials Supplemental Information* guide on the [Minnesota Assessment Hub](#) (Minnesota Assessment Hub > Resources & Training > Student Readiness Tools (SRTs) > Online SRTs).

Note: Separate assistive technology (AT) online test forms are now available for the new Reading and Science MCAs and Alt MCAs that allow AT to interact directly with the online test in TestNav. There are two versions of the AT online forms: one for screen readers and one for non-screen readers. Prior to testing, it is important to verify the AT will work with the online test. Because AT online test forms are required to exist in a secure environment, the non-secure online SRTs environment does not allow AT use that mimics the actual online testing experience in TestNav with an AT online form. Educators will need to work with the District or School Assessment Coordinator to gain access to a sample test form in TestNav in order for the teacher and student to verify the AT's compatibility with TestNav. These sample test forms consist of online Reading and Science MCA and Alt MCA SRT sample items that allow the student to practice interacting with items online using their AT. For more information on AT online forms, refer to the [Student Tools and Supports](#) page on the Minnesota Assessment Hub (Minnesota Assessment Hub > Resources & Training > Student Tools and Supports > Assistive Technology Online Forms).

Organization of the Online SRTs

Homepage

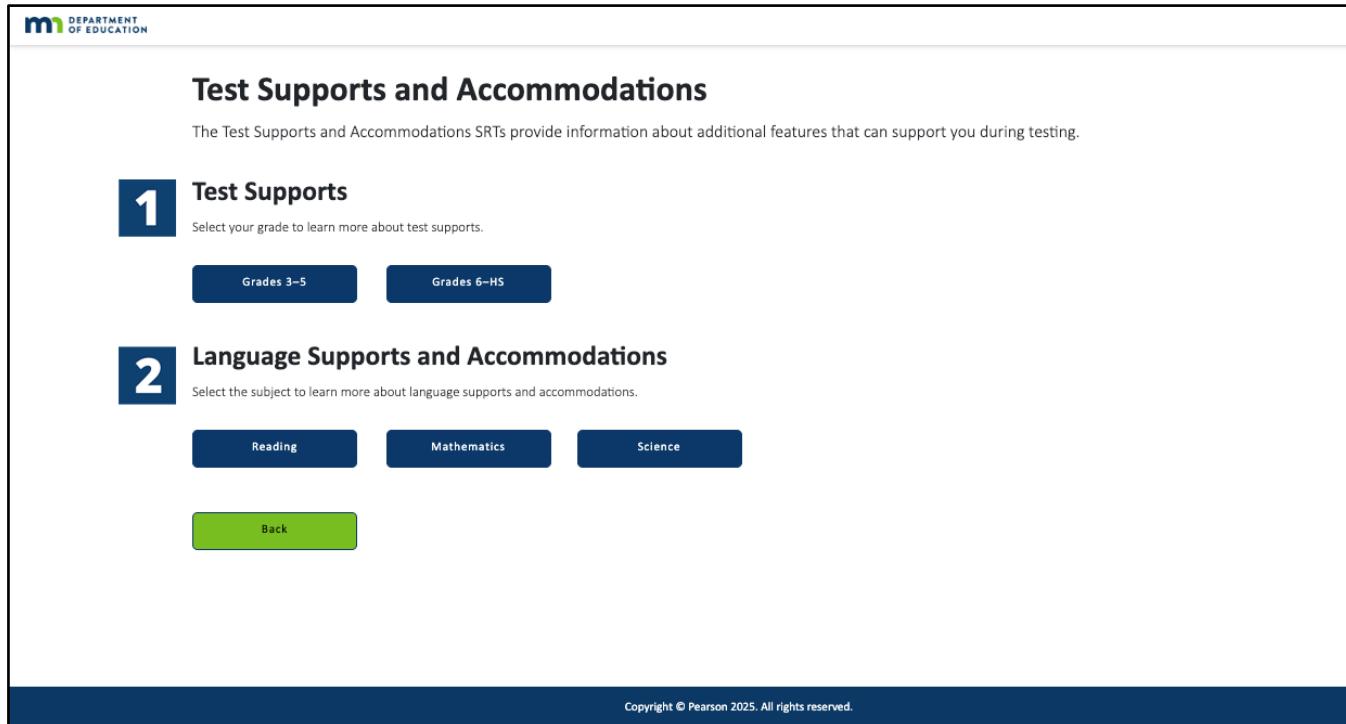
On the homepage, an introductory video to the online SRTs is available, and the tutorials are organized by grade level and Test Supports and Accommodations. To access the tutorials, select the applicable buttons.



- 1** **Online SRTs Introductory Video:** This short introductory video explains the purpose of the online SRTs and describes how the tutorials are organized and accessed.
- 2** **Grade-Level Tutorials:** Each grade-level tutorial includes informational videos and practice opportunities relevant to what students will experience on the MCAs. Students and educators will learn how to interact with the testing platform TestNav, use its tools, and answer various types of questions.
- 3** **Test Supports and Accommodations:** The Test Supports and Accommodations section includes information about the various test supports, accessibility features, and accommodations available to students on the MCAs.

Test Supports and Accommodations Page

On the Test Supports and Accommodations page, the tutorials are organized by Test Supports and Language Supports and Accommodations. To access the tutorials, select the applicable buttons.

A screenshot of a web page titled "Test Supports and Accommodations". The page is from the Minnesota Department of Education, as indicated by the logo in the top left. The main content is organized into two sections: "Test Supports" and "Language Supports and Accommodations".

Test Supports
Select your grade to learn more about test supports.

Grades 3–5 **Grades 6–HS**

Language Supports and Accommodations
Select the subject to learn more about language supports and accommodations.

Reading **Mathematics** **Science**

Back

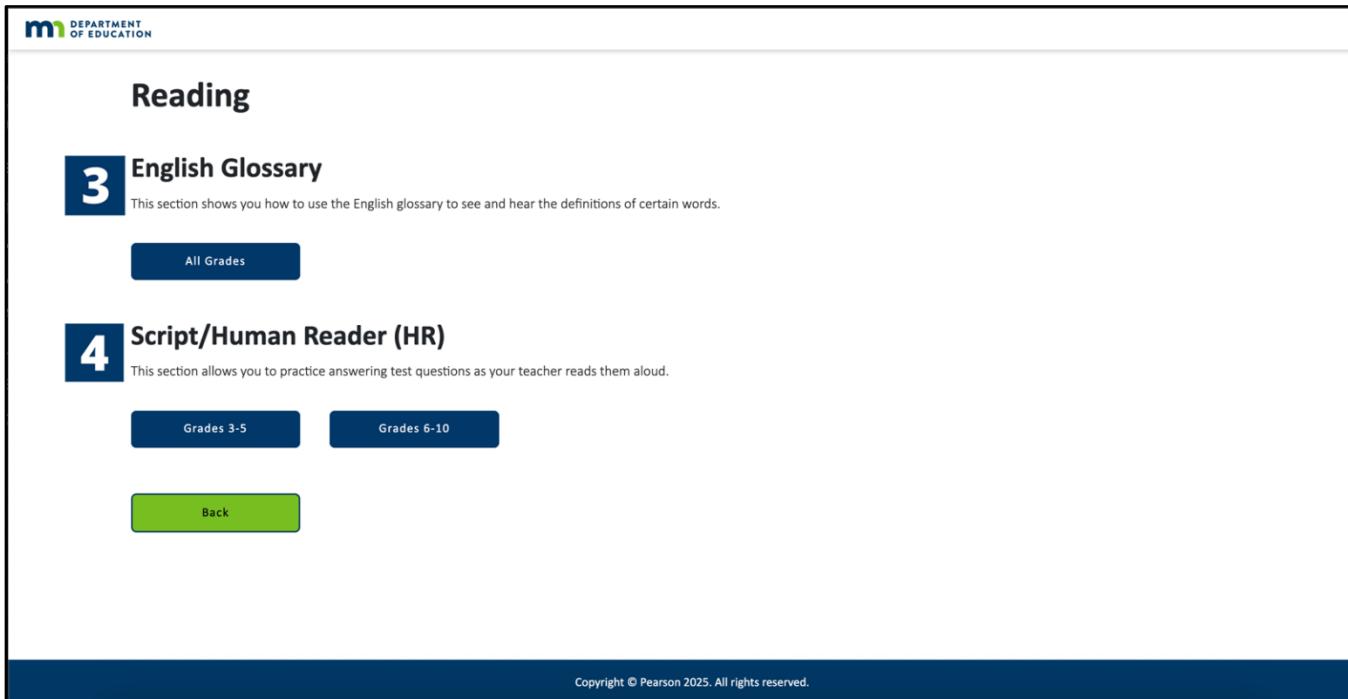
Copyright © Pearson 2025. All rights reserved.

- 1** **Test Supports:** These tutorials address the accessibility features that are most likely used by students who require varied levels of support, consistent with instruction and supports used during testing. Test supports are available in all grades and subjects.
- 2** **Language Supports and Accommodations:** These tutorials address the various language supports and accommodations that are available to students.

Language Supports and Accommodations Section

Reading Page

On the Reading page of the Language Supports and Accommodations section, the tutorials include English Glossary and Script/Human Reader (HR) tutorials. To access the tutorials, select the applicable buttons.



DEPARTMENT OF EDUCATION

Reading

3 English Glossary
This section shows you how to use the English glossary to see and hear the definitions of certain words.

4 Script/Human Reader (HR)
This section allows you to practice answering test questions as your teacher reads them aloud.

All Grades

Grades 3-5

Grades 6-10

Back

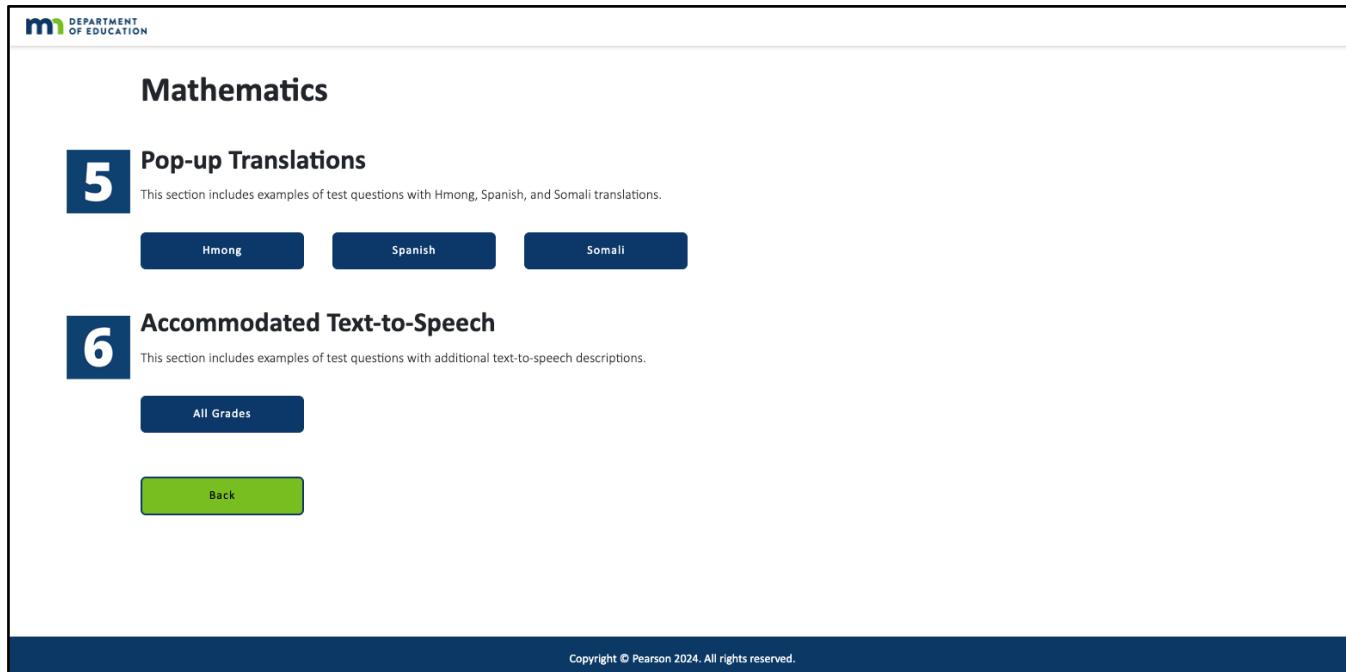
Copyright © Pearson 2025. All rights reserved.

3 English Glossary: These tutorials give students the opportunity to practice using the English Glossary to see and hear the definitions of academic terms within the questions. This feature is available to all students.

4 Script/Human Reader (HR): These tutorials include questions that correspond to a script that is read aloud by an educator. This accommodation is available only for students with an IEP or 504 plan who will take the reading test online but need a human reader. Educators making decisions about which students will use this accommodation on the test and whether students will test online or on paper can also review the tutorials. Scripts for each grade-level grouping resource can be accessed on the [Minnesota Assessment Hub](#) (Minnesota Assessment Hub > Resources & Training > Student Readiness Tools (SRTs) > Paper SRTs).

Mathematics Page

On the Mathematics page of the Language Supports and Accommodations section, the tutorials include Pop-up Translations and Accommodated Text-to-Speech tutorials. To access the tutorials, select the applicable buttons.

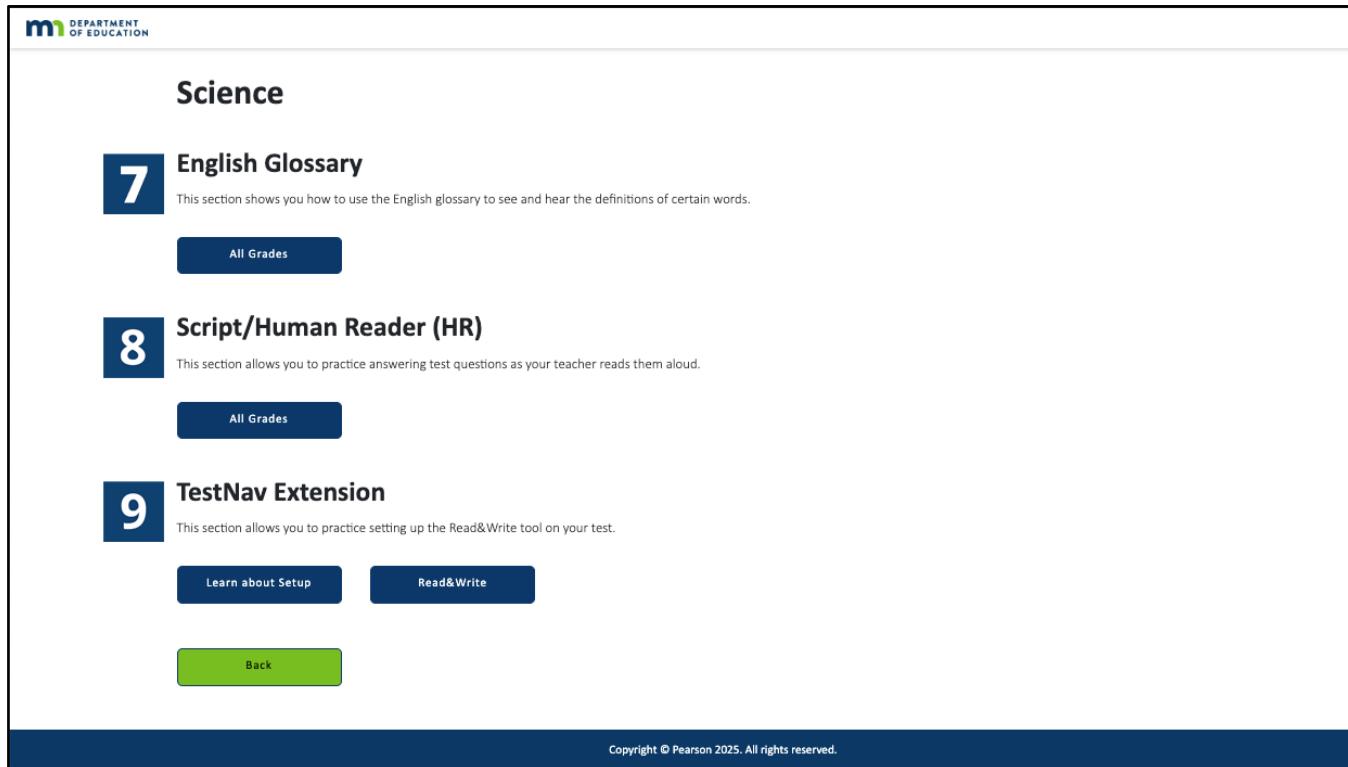
A screenshot of a web page titled "Mathematics". At the top left is the "mn DEPARTMENT OF EDUCATION" logo. Below the title, there are two main sections: "Pop-up Translations" (labeled 5) and "Accommodated Text-to-Speech" (labeled 6). Each section has a brief description and three language buttons: "Hmong", "Spanish", and "Somali" for the first section, and "All Grades" for the second. At the bottom of the page is a dark blue footer bar with the text "Copyright © Pearson 2024. All rights reserved.".

5 Pop-up Translations: These tutorials give students the opportunity to practice accessing translations of academic terms in different types of questions. Educators making decisions about which students will use this support on the test can also review the applicable language tutorials.

6 Accommodated Text-to-Speech: These tutorials include questions from the online SRTs with accommodated text-to-speech applied. Accommodated text-to-speech provides audio for graphics and tables in addition to the audio provided for standard text-to-speech. This support is available only for students with an IEP or 504 plan. Educators making decisions about which students will use this support on the test can also review the tutorials.

Science Page

On the Science page of the Language Supports and Accommodations section, the tutorials include English Glossary, Script/Human Reader (HR), and TestNav Extension tutorials. To access the tutorials, select the applicable buttons.



The screenshot shows the Science page of the Language Supports and Accommodations section. At the top left is the Minnesota Department of Education logo. The page title is "Science". Below it are three numbered sections: 7 English Glossary, 8 Script/Human Reader (HR), and 9 TestNav Extension. Each section has a brief description and a "All Grades" button. The TestNav Extension section also has "Learn about Setup" and "Read&Write" buttons. At the bottom is a "Back" button and a copyright notice: "Copyright © Pearson 2025. All rights reserved."

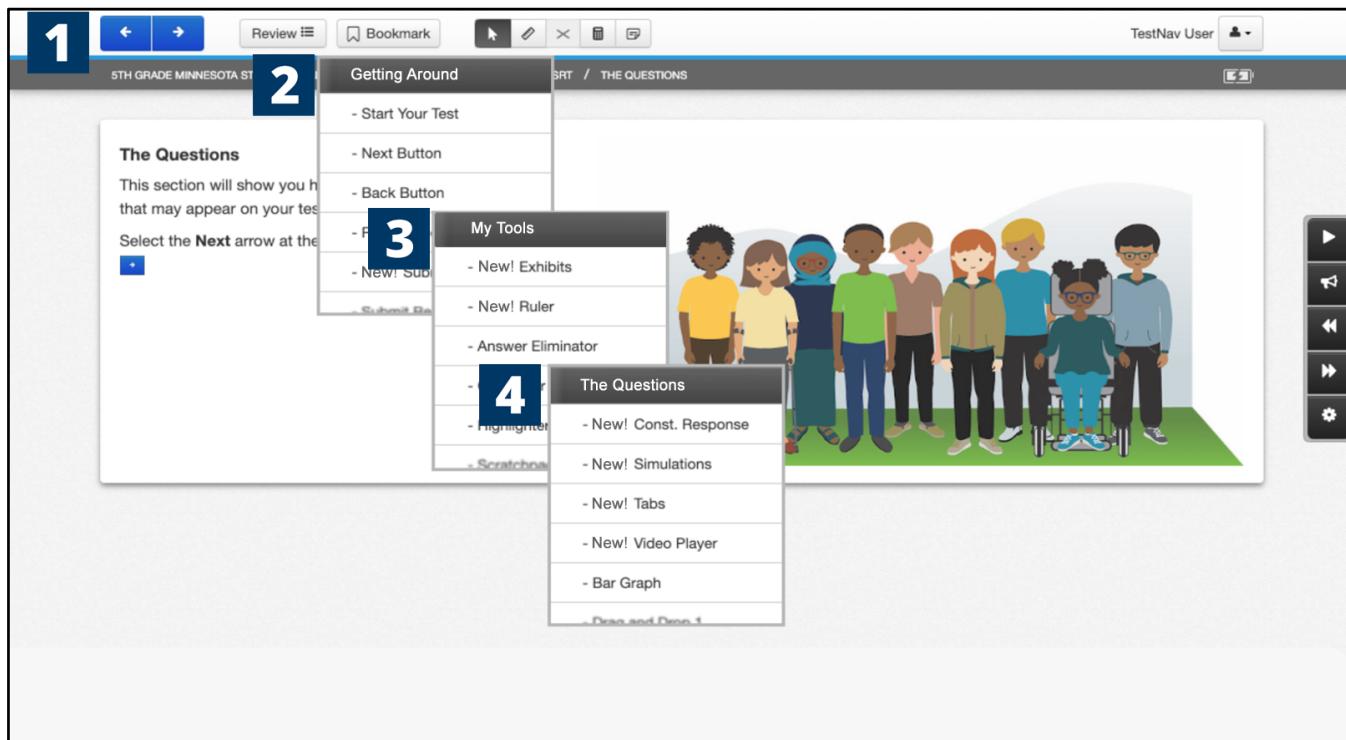
7 English Glossary: These tutorials give students the opportunity to practice using the English Glossary to see and hear the definitions of academic terms within the questions. This feature is available to all students.

8 Script/Human Reader (HR): These tutorials include questions that correspond to a script that is read aloud by an educator. This accommodation is available only for students with an IEP or 504 plan who will take the science test online but need a human reader. Educators making decisions about which students will use this accommodation on the test and whether students will test online or on paper can also review the tutorials. The script can be accessed on the [Minnesota Assessment Hub](#) (Minnesota Assessment Hub > Resources & Training > Student Readiness Tools (SRTs) > Paper SRTs).

9 TestNav Extension: This tutorial gives students the opportunity to practice using the Read&Write tool. This tool helps students answer constructed-response questions on their science test by supporting their writing. Read&Write is available to all students, but districts must enable specific features of this support prior to testing.

Accessing the Online SRT Tutorials

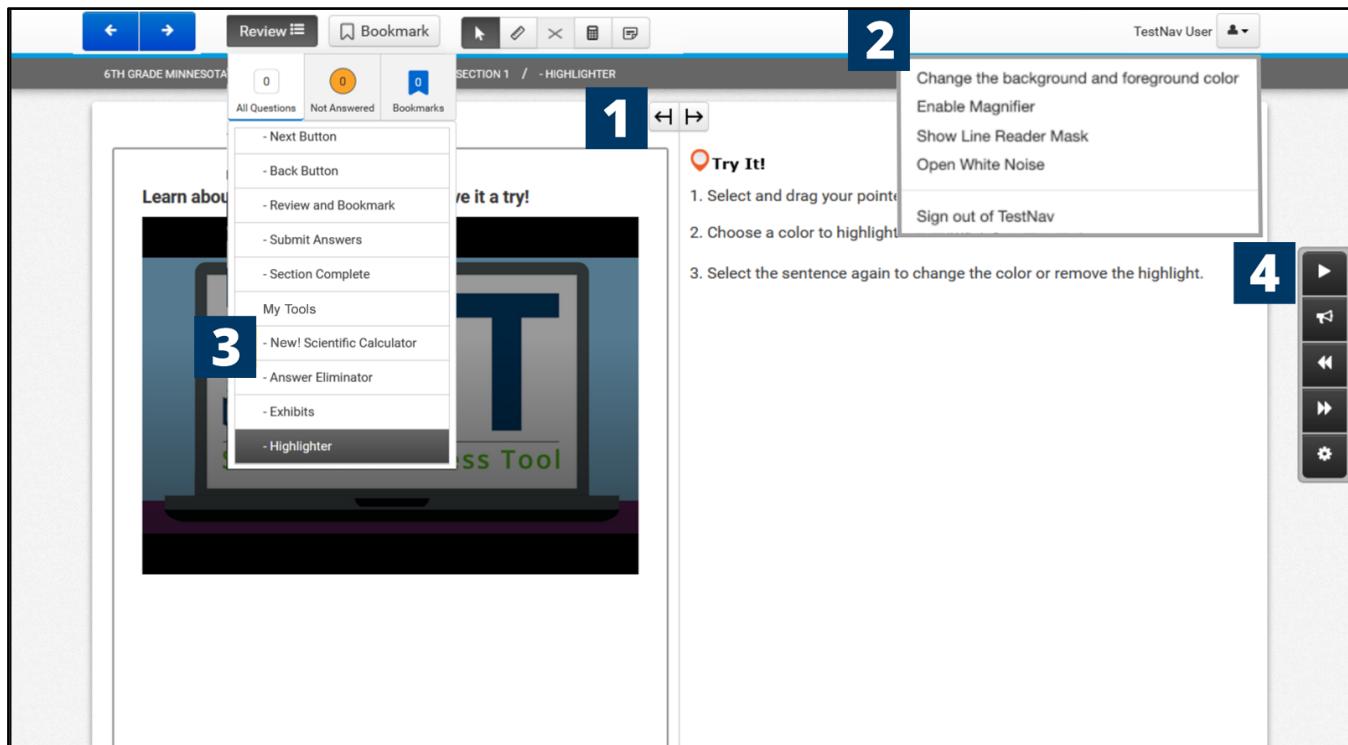
The grade-level online SRT tutorials are grouped into three sections: Getting Around, My Tools, and The Questions.



- 1** **Accessing the Online SRTs:** Within each grade-level SRT, the various tutorials can be accessed by selecting the Next and Back buttons or by scrolling through the Review list. Note: The Review list scrolls through all tutorials for each grade.
- 2** **Getting Around:** This section explains how to navigate the testing platform TestNav. It also emphasizes the importance of reading test directions and reviewing answers before completing a section or group of questions.
- 3** **My Tools:** This section describes the various tools that students may have access to while testing.
- 4** **The Questions:** This section addresses all question types that students may encounter while testing in their respective grade. Throughout the tutorials, the standard text-to-speech accessibility feature is available to students who need this support.

Features of Online SRT Tutorials

Each online SRT tutorial contains a short video, where students can learn about the functionality of the test feature, and a “Try It!” section, where students can practice interacting with the test feature. Some tutorials contain only a video lesson.



- 1** **Tutorial Layout:** Tutorials are presented in a customizable split screen. The size of the video or the “Try It!” section can be increased by selecting the arrow buttons. Note: In the MCAs, this function is not available.
- 2** **Tools and Test Supports:** All applicable tools and test supports can be accessed in the toolbar or from the user dropdown menu in the top-right corner.
- 3** **“New!” Tutorial Announcement:** All SRT tutorials can be viewed and accessed from the Review list. When a tutorial is preceded by the label “New!,” this means that the test feature is new for the grade level.
- 4** **Text-to-Speech Controls and Settings:** Throughout the tutorials, the standard text-to-speech accessibility feature is available to students who need this support.

Setting Up the Online SRTs for Success

The online SRTs prepare students for testing by familiarizing them with the various tools, question types, and accessibility features that they may encounter on their MCAs. Ultimately, the goal of the SRTs is to ensure that students feel comfortable and confident navigating the test on testing day.

The online SRTs are:	The online SRTs are not:
<ul style="list-style-type: none">Online tools to help educators and students become familiar with TestNav's format and functionality.Resources for educators to use in a way that best suits their students' needs and instructional goals.	<ul style="list-style-type: none">High-stakes assessments.Practice or sample tests (The SRTs focus on functionality rather than on test content).

Tips for educators using the online SRTs

Best practice for using the online SRTs with students is at the discretion of the educator and should be tailored to student needs. For example, some educators may choose to practice all online SRT sections with a student in a given day while others may focus on only one section per day.

- The Getting Around section is best presented as a group to ensure student understanding of navigation basics for the online MCAs and the SRTs.
- Elementary students may need support from the educator throughout the lessons to ensure they are accessing the correct lessons.
- Beginning in grade 4, the “New!” label alerts students that there is a new tool, question type, or accessibility feature to learn about for that year. Some students may only need to review the “New!” tutorials, while others may need to revisit previous tutorials as well. Educators may identify which tutorials are “New!” before starting any SRT activities.
- It is recommended that educators consider demonstrating the online SRTs to students first and encouraging independent practice, rather than assigning the SRTs solely as independent student work.
- It is recommended that the SRTs be broken into multiple sessions to avoid student fatigue.

Tips for students using individualized scaffolding within the online SRTs

Before students move into the SRTs independently, it is important that they understand the following options are available to support their individual learning styles:

- Muting the video and reading closed captions
- Pausing and rewinding the video to review content
- Video player controls to change the video speed, either speeding up or slowing down the video
- Text-to-speech player to listen to text on the screen
- Split-screen view to engage with the “Try It!” sections alongside the video lessons
- Student choice and flexibility to only watch the video lesson or only participate in the “Try It!” section

Online SRT Tutorials by Grade

Grade 3		
Getting Around	My Tools	The Questions
Start Your Test	Answer Eliminator	Bar Graph
Next Button	Calculator (TI108 and Desmos)	Drag and Drop
Back Button	Exhibits	Equation Editor
Review and Bookmark	Highlighter	Fill in the Blank
Submit Answers:	Pencil 1	Fraction Model
Reading/Math	Pencil 2	Hot Spot 1
	Ruler	Hot Spot 2
	Scratchpad	Hot Text
	White Noise	Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Reading Passage
		Slider
		Table Grid

Grade 4

Getting Around	My Tools	The Questions
Start Your Test	New! Protractor	New! Point Graph
Next Button	Answer Eliminator	Bar Graph
Back Button	Calculator (TI108 and Desmos)	Drag and Drop 1
Review and Bookmark	Exhibits	Drag and Drop 2
Submit Answers:	Highlighter	Equation Editor
Reading/Math	Pencil 1	Fill in the Blank
	Pencil 2	Fraction Model
	Ruler	Hot Spot 1
	Scratchpad	Hot Spot 2
	White Noise	Hot Text
		Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Reading Passage
		Slider
		Table Grid

Grade 5

Getting Around	My Tools	The Questions
Start Your Test	Answer Eliminator	New! Constructed Response
Next Button	Calculator (TI108 and Desmos)	New! Simulations
Back Button	Exhibits	New! Tabs
Review and Bookmark	Highlighter	New! Video Player
New! Submit Answers:	Pencil 1	Bar Graph
Science	Pencil 2	Drag and Drop 1
Submit Answers:	Ruler	Drag and Drop 2
Reading/Math	Scratchpad	Equation Editor
	White Noise	Fill in the Blank
		Fraction Model
		Hot Spot 1
		Hot Spot 2
		Hot Text
		Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Point Graph
		Reading Passage
		Slider
		Table Grid

Grade 6

Getting Around	My Tools	The Questions
Start Your Test	New! Scientific Calculator	Bar Graph
Next Button	(TI30 and Desmos)	Drag and Drop 1
Back Button	Answer Eliminator	Drag and Drop 2
Review and Bookmark	Exhibits	Equation Editor
Submit Answers:	Highlighter	Fill in the Blank
Reading/Math	Pencil 1	Fraction Model
	Pencil 2	Hot Spot 1
	Scratchpad	Hot Spot 2
	White Noise	Hot Text
		Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Point Graph
		Reading Passage
		Slider
		Table Grid

Grade 7

Getting Around	My Tools	The Questions
Start Your Test	Answer Eliminator	New! Shape Transformation
Next Button	Scientific Calculator (TI30 and Desmos)	Bar Graph
Back Button	Exhibits	Drag and Drop 1
Review and Bookmark	Highlighter	Drag and Drop 2
Submit Answers:	Pencil 1	Equation Editor
Reading/Math	Pencil 2	Fill in the Blank
	Scratchpad	Fraction Model
	White Noise	Hot Spot 1
		Hot Spot 2
		Hot Text
		Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Point Graph
		Reading Passage
		Slider
		Table Grid

Grade 8

Getting Around	My Tools	The Questions
Start Your Test	New! Graphing Calculator (TI84 and Desmos)	New! Number Line 1
Next Button		New! Number Line 2
Back Button	New! Straightedge	Bar Graph
Review and Bookmark	Answer Eliminator	Constructed Response
Submit Answers:	Calculator (TI108 and Desmos)	Drag and Drop 1
Reading/Math	Exhibits	Drag and Drop 2
Submit Answers: Science	Highlighter	Equation Editor
	Pencil 1	Fill in the Blank
	Pencil 2	Fraction Model
	Ruler	Hot Spot 1
	Scratchpad	Hot Spot 2
	White Noise	Hot Text
		Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Point Graph
		Reading Passage
		Simulations
		Slider
		Tabs
		Table Grid
		Video Player

Grade 10 Reading

Getting Around	My Tools	The Questions
Start Your Test	Answer Eliminator	Drag and Drop 1
Next Button	Highlighter	Drag and Drop 2
Back Button	Scratchpad	Hot Spot
Review and Bookmark	White Noise	Hot Text
Submit Answers: Reading/Math		Inline Choice Multiple Choice Multiple Response Order Reading Passage Table Grid

Grade 11 Mathematics

Getting Around	My Tools	The Questions
Start Your Test	Answer Eliminator	New! Function Graph
Next Button	Graphing Calculator (TI84 and Desmos)	New! Solution Set
Back Button	Exhibits	Bar Graph
Review and Bookmark	Highlighter	Drag and Drop
Submit Answers:	Pencil 1	Equation Editor
Reading/Math	Pencil 2	Fill in the Blank
	Scratchpad	Fraction Model
	Straightedge	Hot Spot 1
	White Noise	Hot Spot 2
		Inline Choice
		Multiple Choice
		Multiple Response
		Number Line 1
		Number Line 2
		Order
		Point Graph
		Shape Transformation
		Slider
		Table Grid

High School Science

Getting Around	My Tools	The Questions
Start Your Test	Answer Eliminator	Bar Graph
Next Button	Calculator (TI108 and Desmos)	Constructed Response
Back Button	Highlighter	Drag and Drop
Review and Bookmark	Ruler	Fill in the Blank
Submit Answers: Science	Scratchpad	Hot Spot
	White Noise	Inline Choice
		Multiple Choice
		Multiple Response
		Order
		Point Graph
		Simulations
		Slider
		Tabs
		Table Grid
		Video Player

Test Supports	
Grades 3–5	Grades 6–HS
Answer Masking	Answer Masking
Color Contrast	Color Contrast
Line Reader Mask	Line Reader Mask
Magnifier 1	Magnifier 1
Magnifier 2	Magnifier 2
Text-to-Speech (TTS)	Text-to-Speech (TTS)
Zoom for Mac	Zoom for Mac
Zoom for PC	Zoom for PC
Zoom for Touchscreen	Zoom for Touchscreen

Pop-up Translations (Mathematics Only) – All Grades		
Hmong	Spanish	Somali
Hmong Translation 1	Spanish Translation 1	Somali Translation 1
Hmong Translation 2	Spanish Translation 2	Somali Translation 2

Accommodated Text-to-Speech (Mathematics Only) – All Grades

Text-to-Speech (TTS)

Bar Graph

Drag and Drop

Solution Set

Table Grid

English Glossary (Reading and Science)* – All Grades

English Glossary 1

English Glossary 2

*An English Glossary SRT is provided for each subject.

Script/Human Reader (HR) (Reading) – Grades 3–5

Passage: Creatures of the Night

Question 1: Multiple Choice

Question 2: Multiple Response

Passage: Out of the Dark

Question 1: Multiple Choice

Question 2: Multiple Response

Script/Human Reader (HR) (Reading) – Grades 6–10

Passage: From the Diary of Pierre Rocher

Question 1: Multiple Choice

Question 2: Multiple Response

Passage: The Eiffel Tower

Question 1: Multiple Choice

Question 2: Multiple Response

Script/Human Reader (HR) (Science) – All Grades

Phenomenon: Pond Ecosystem

Question 1: Multiple Choice

Question 2: Constructed Response

Question 3: Multiple Response

Question 4: Fill in the Blank

Phenomenon: Pet Species

Question 1: Multiple Response

Question 2: Constructed Response

Question 3: Multiple Choice

Question 4: Fill in the Blank

TestNav Extension (Science Only) – All Grades

Learn about Setup

Read&Write