

# SMART Response<sup>™</sup> connector for *eduphoria*!

Windows® operating systems

User's guide

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This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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# Chapter 1 Getting started

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# Introduction

This section introduces you to your connector software and explains system requirements, installation and assessment format considerations.

# About your connector software

The SMART Response<sup>™</sup> connector for *eduphoria!* is a classroom assessment tool that connects three SMART Response interactive response systems with *eduphoria!* Incorporated's SchoolObjects:aware<sup>™</sup> assessment management system.

The SchoolObjects:aware assessment management system is a student data analysis application that simplifies benchmark testing for teachers.

Teachers access the *eduphoria!* website to develop benchmark tests and then assign assessments to a class list of students. Teachers can then download the assessments to their computer and use the SMART Response connector for *eduphoria!* to administer the assessment. Students can use certain SMART Response clickers to answer assessment questions.

As an assessment progresses, the SMART Response connector for *eduphoria!* displays student progress as they answer the questions. Information on how each student performed during the assessment is given once the completed assessment is stopped and is uploaded to the *eduphoria!* website for processing.

### What you need

To use the SMART Response connector for *eduphoria!* you need the following:

 SMART Response assessment software installed on your computer (see SMART Response assessment software requirements on page 6) and a SMART Response receiver connected to your computer.

#### **I** NOTES

- You don't need a receiver if you're using SMART Response VE software.
- Support for SMART Response VE software is scheduled for the autumn 2012 update of SMART Response 2012 software.
- Students answer questions using SMART Response clickers (see Selecting how students answer questions on page 7 for more information on which SMART Response clickers are supported).
- Your choice of SMART Response mode determines the maximum number of student clickers that can be used during an assessment (see *Assessment format considerations* on page 7).
- For evaluation purposes you can use the SMART Response clicker simulator and no receiver device. However, the clicker simulator is available only on the computer that has SMART Response assessment software installed on it. You must also use the SMART Response Set Up Tool to set the mode to SMART Response / Senteo.
- An active subscription to the SchoolObjects:aware assessment management system.

#### 👉 IMPORTANT

A subscription to the SchoolObjects:aware assessment management system must be purchased separately.

# Features

Feature	Description	
Integration with the SchoolObjects:aware assessment management system	Teachers can access and download SchoolObjects:aware assessments to administer to their class.	
Integration with the SMART Response system	<ul> <li>Students can use their SMART Response PE, XE or Senteo™ clickers, or their SMART Response VE Internet-enabled devices to answer assessment questions.</li> </ul>	
	<b>I</b> NOTE	
	Support for SMART Response VE software is scheduled for the autumn 2012 update of SMART Response 2012 software.	
	• The Senteo interactive response system is no longer available for purchase, but it is supported.	
Efficient assessment administration	<ul> <li>Students use their SMART Response or Senteo clickers rather than computers to take online assessments, which frees up or makes computers available for other classes.</li> </ul>	
	<ul> <li>Using SMART Response clickers to submit answers is more efficient than using bubble sheets, because the assessment data is immediately available after you upload results to the SchoolObjects:aware assessment management system for analysis and report generation.</li> </ul>	
	<ul> <li>Save time and money by not having to print, barcode, distribute, collect and scan answer sheets.</li> </ul>	
Registration monitoring	Teachers can monitor students as they register for an assessment and quickly see which students haven't registered.	
Instant feedback	Teachers can monitor student progress by seeing how many questions each student has attempted.	
Review student performance data from completed assessments	Once an assessment is stopped, teachers can quickly upload it to the eduphoria! website to confirm whether the students' answers were correct or incorrect and to view other student performance data.	
View the upload status of submitted assessment results	You can quickly and easily view the upload status of submitted assessment results. Results that failed to be submitted can be resubmitted.	

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### Introduction

This section provides the software and computer requirements for the SMART Response connector for *eduphoria!* software.

Also provided is information on formatting assessments and on selecting how your students answer assessment questions.

#### 🕝 IMPORTANT

Before you install this software, ensure that SMART Response software is installed on your computer.

# SMART Response assessment software requirements

You must have SMART Response 2012 (or later) assessment software installed on your computer to use the SMART Response connector for *eduphoria*!.

# **Computer requirements**

For a complete list of computer requirements, refer to the release notes for SMART Response assessment software. Go to <u>smarttech.com/downloads</u> to access the release notes for your version of SMART Response assessment software.

#### 👉 IMPORTANT

The SMART Response connector for eduphoria! is available only for Windows® computers.

# Installing your connector software

Use the following procedure to download the software. You can then use the installation wizard to install the software on your computer.

#### To install the software on your computer

- 1. Go to smarttech.com/software.
- 2. Scroll to SMART Response interactive response system, and then select the SMART Response connector for *eduphoria!* from the drop-down menu.
- 3. Click **Download the SMART Response connector for** *eduphoria!*, select **Download**, and then follow the on-screen instructions to download the executable file.
- 4. Browse to the file on your computer and double-click it.
- 5. Follow the on-screen instructions to complete the installation.

# Selecting how students answer questions

Students can answer questions using one of these options:

- SMART Response PE clickers
- SMART Response XE clickers
- SMART Response VE using Internet-enabled devices

#### Ι ΝΟΤΕ

Support for SMART Response VE software is scheduled for the autumn 2012 update of SMART Response 2012 software.

SMART Response/Senteo clickers

#### 🚺 ΝΟΤΕ

The Senteo interactive response system is no longer available for purchase, but it is supported.

Each model of clicker has a corresponding mode in SMART Response assessment software. You can also operate the SMART Response system in Mixed mode, in which your class can simultaneously use a combination of the SMART Response clickers listed above.

You can change the clicker operation mode after installation using the SMART Response Setup Tool. See the SMART Response software online Help for information on using the SMART Response Setup Tool.

### Assessment format considerations

You can use the SMART Response connector for *eduphoria!* to select and administer SchoolObjects:aware assessments. However, the SMART Response connector for *eduphoria!* supports specific question formats and has a maximum number of students who can register for an assessment. This section provides further information on the assessment format and class size considerations that must be made before you download a SchoolObjects:aware assessment.

### Supported question formats

Multiple choice, multiple selection, numeric and free response (text) question formats are supported.

#### **I** NOTE

The question formats supported may be limited by the version of SMART Response system you use. See the table below for further details.

Software	Multiple choice questions	Multiple selection questions	Numeric decimal questions	Text questions
eduphoria!	✓	✓	✓	✓
SMART Response PE	✓	✓	✓	✓
SMART Response XE	~	✓	✓	~
SMART Response VE	~	✓	✓	~
SMART Response Mixed mode	~	~	~	✓
SMART Response Mixed mode + VE	~	~	~	~
SMART Response Mixed mode + Senteo, LE or both	~	~	~	
SMART Response Mixed mode + VE and Senteo, LE or both	~	~	~	
Senteo	✓	✓	✓	

#### Supported question formats

Software	Maximum No. of choices for multiple choice and multiple selection	Maximum No. of choices that can be part of the correct answer for multiple selection	Maximum No. of characters for text	Maximum No. of questions in assssment
eduphoria!	20	20	Unlimited	Unlimited
SMART Response PE	8	6	20	Unlimited
SMART Response XE	8	8	140	Unlimited
SMART Response VE	10	10	140	120
SMART Response Mixed mode	8	6	20 (PE) 140 (XE)	Unlimited
SMART Response Mixed mode + VE	8	6	20 (PE) 140 (XE, VE)	40
SMART Response Mixed mode + Senteo, LE or both	8	6	0	Unlimited
SMART Response Mixed mode + VE and Senteo, LE or both	8	6	0	40
Senteo	8	6	0	Unlimited

#### **Question format restrictions**

#### Assessment format and class-size considerations

The maximum number of students who can register for an assessment depends on the number of questions in the assessment. The number of clickers that can participate in an assessment session decrease as the number of questions in the assignment increase. See *Determining how many SMART Response or Senteo clickers you can use for an assessment* (smarttech.com/kb/170235) for more information.

#### Receivers and class-size considerations

The SMART Response connector for *eduphoria!* supports the SMART Response and Senteo receivers. Both types of receiver have a maximum number of clickers they can support. Therefore, the type of receiver connected to your computer determines the maximum number of student clickers that you can use during an assessment.

Type of receiver	Maximum number of clickers
SMART Response	100
Senteo	60

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# Introduction

When you start the SMART Response connector for *eduphoria!* software, you can select and administer assessments you previously downloaded from the *eduphoria!* website. During an assessment, student progress is displayed. Once you stop an assessment, you can upload the results to the *eduphoria!* website for analysis and report generation. You can also view the upload status of completed assessment results and resubmit results that didn't transmit.

#### 🕝 IMPORTANT

Before starting your software, ensure the following:

- Your SMART Response software is correctly configured to operate with your student clickers (see *Selecting how students answer questions* on page 7).
- A SMART Response receiver is connected to an available USB interface on your computer unless you're using SMART Response VE.
- You have an active subscription to the SchoolObjects:aware assessment management system.

# Starting your connector software

Follow the instructions below to start the SMART Response connector for *eduphoria!* software.

#### To start the software

Double-click the SMART Response connector for eduphoria! desktop icon.

The *Home* screen appears. You have the option to *Administer a Test* or *View the Upload Status* of completed assessment results.

### Administering an assessment

Use the *Administer a Test* feature to select assessments previously downloaded to your computer from the *eduphoria!* website. You can then start an assessment and begin testing your students. Your students' progress can be monitored as they attempt assessment questions. Completed assessments are uploaded to the *eduphoria!* website for scoring.

A print-out is available showing all the students who were listed for an assessment and which students actually registered by signing in with their SMART Response clicker.

#### 👉 IMPORTANT

Assessments and student lists are not created using the SMART Response connector for *eduphoria*!. All assessments and student lists are stored and managed from the *eduphoria*! website. The assignment of assessments to specific student lists is also performed on the *eduphoria*! website.

#### Before you start

Before administering an assessment to your students, ensure the following:

- The assessment you're going to administer is available on the *eduphoria!* website and assigned to your student class list.
- The assessment is downloaded to your computer.
- You have provided a copy of the assessment questions to your students.
- The clicker mode selected in SMART Response assessment software corresponds with the type of clickers your students are using. See the SMART Response 2012 online Help for more information on selecting clicker modes.

#### **I** NOTES

The clicker mode you select in the SMART Response Setup Tool (see *Selecting how students answer questions* on page 7) determines how questions are administered to your student clickers.

• When you operate SMART Response in PE, Senteo or Mixed mode, assessments that contain more than 40 questions are administered in parts.

#### EXAMPLE

An assessment contains a total of 50 questions and your students are using SMART Response PE clickers to submit their responses. The question numbers displayed on their clickers match for the first 40 questions, but when you move to the second part of the assessment (final 10 questions), your students' clickers display question 1 for assessment question 41, question 2 for assessment question 42, etc.

- When you select XE mode in SMART Response, assessments that contain more than 100 questions are administered in parts.
- When you select VE mode in SMART Response, assessments are limited to 120 questions.

#### Starting an assessment

Use the following procedure to open and start an assessment.

#### 🕝 IMPORTANT

Ensure that all stored assessment data is current and assigned to the appropriate student list and that the assessment has been downloaded from the *eduphoria!* website.

#### To open an assessment

1. Click Administer a Test on the Home screen.

The Select Test to Administer screen appears.

2. Click Browse.

The Open dialog box appears.

- 3. Browse to the assessment on your computer, and then click Open.
- 4. Click Next.

The details of your assessment appear.

#### Ι ΝΟΤΕ

Click Select Another Test to cancel this assessment and open a different assessment.

5. Click Start Test.

The Test in Progress screen appears.

#### **Registering students**

In the *Test in Progress* screen, you can see a list of all students who are allowed to take the assessment. As students use their SMART Response clickers to register, a check mark appears next to their name in the *Connected* column. For more information on the operation of SMART Response clickers, refer to the SMART Response 2012 online Help.

#### 🕝 IMPORTANT

SMART Response clickers recognize numeric student IDs only. If a student list contains one or more students with an alphanumeric ID, the SMART Response connector for *eduphoria!* generates a corresponding list of temporary numeric clicker IDs. Students with an alphanumeric ID then register with their temporary numeric ID, which appears in an additional *Clicker ID* column.

#### To register students

1. Instruct your students to turn on their clickers, then find and connect to the class you're administering.

#### Ι ΝΟΤΕ

Only the first eight characters of a *Test name* are shown on your students' SMART Response clicker displays.

2. Students enter either their Student ID or Clicker ID.

#### **I** NOTES

- If you click the heading of each column in the *Test in Progress* window, you can sort student names by their first or last name in ascending or descending order. Click **Print** to print a list of students registering.
- If a student attempts to sign in using an ID that another student is already using, a message appears indicating that he or she is unable to sign in and lets them retry.

A check mark appears in the Connected column next to each student as they register.

#### Running an assessment

Students use their SMART Response clickers to submit answers to assessment questions. For example, your students' clickers display *1* for question 1. Your students then use the clicker key pad to enter and submit the correct answer. This is repeated for all questions until the assessment is complete.

The *Test in Progress* screen enables you to monitor your students' progress as they attempt assessment questions.

#### Information available during an assessment

This table summarizes the information available from the *Test in Progress* screen during an assessment.

Column	Information displayed
Connected	As students use their SMART Response clickers to register, a check mark appears next to their name in the <i>Connected</i> column.
Last Name	A student's last name
First Name	A student's first name
Student ID	The student ID of students registered for the assessment. Students type this ID on their clickers to register for an assessment.
Clicker ID	A temporary ID students use to register if they have an alphanumeric student ID
Answered	The number of questions each student answered during an assessment
Unanswered	The number of questions each student hasn't answered during an assessment
Progress	Displays your students' progress as they attempt each part of the assessment

The time elapsed and the total number of students who have completed the assessment is displayed in the bottom-right corner of the *Test in Progress* screen.

#### Stopping an assessment

When your assessment is complete, you can stop the assessment.

#### 🕝 IMPORTANT

Ensure that the assessment has been completed to your satisfaction before you stop the test. Students cannot answer skipped questions or enter further data after you have stopped the assessment.

#### To stop an assessment

1. Click Stop Test in the Test in Progress window.

A message appears asking if you want to continue.

2. Click OK.

The test stops and students can no longer answer questions.

#### CHAPTER 3

Using your connector software

3. Click **Next** on the *Test in Progress* window to upload student responses to the *eduphoria!* website.

The Upload Responses screen appears.

#### Uploading assessment results

You must upload your assessment results to the *eduphoria!* website to view them. You can upload assessment results immediately after running an assessment or you can upload them later.

#### To upload assessment results immediately after an assessment

- 1. Type your *eduphoria!* server address, user name and password in the appropriate boxes in the *Upload Responses* screen.
- Optionally, select Remember me on this computer to have this information saved for uploading future assessments.
- 3. Optionally, click **Proxy Settings** to manually configure these settings (see *Manually configuring proxy settings* on the next page).
- 4. Click Upload Now.

The *Upload Completed* screen appears once your students' responses are successfully uploaded.

5. Log on to the eduphoria! website to view the assessment results.

#### To upload assessment results later

1. Click View Upload Status.

The Upload Status screen appears.

2. Select the assessment you want to upload, and then click **Upload**.

The eduphoria! Login dialog box appears.

- 3. Type your eduphoria! server address, user name and password in the appropriate boxes.
- 4. Optionally, select **Remember me on this computer** to have this information saved for uploading future assessments.
- 5. Optionally, click **Proxy Settings** to manually configure these settings (see *Manually configuring proxy settings* on the next page).
- 6. Click OK.

A confirmation message appears once your students' responses are successfully uploaded.

7. Log on to the *eduphoria!* website to view the assessment results.

#### Manually configuring proxy settings

By default the software is configured to automatically detect proxy settings, but you can also manually configure them.

#### 🕝 IMPORTANT

Consult your system administrator before changing any proxy settings.

#### To manually configure proxy server settings

1. Click **Proxy Settings** in the Upload Responses screen or the eduphoria! Login dialog box.

The Proxy Settings dialog box appears.

- 2. Select the Connect to Internet using a proxy check box.
- 3. Select Manually configure proxy settings.
- 4. Type the required proxy server information.
- 5. Click Apply.

Your software will now use your proxy settings to connect to the eduphoria! server.

# Viewing upload status

Use the *View Upload Status* screen to determine the transmission status of assessment results you submitted to the *eduphoria!* website for processing. You can also delete specific assessment results from the list of submitted results.

#### Viewing the upload status of an assessment

Use the following procedure to view the upload status of assessment results sent to *eduphoria!* for processing.

#### To view the upload status of an assessment

1. Start the SMART Response connector for *eduphoria!* (see *Starting your connector software* on page 12).

The Home screen appears.

2. Click View Upload Status.

The View Upload Status screen appears.

#### Information available from the View Upload Status screen

The following information is available for each assessment submitted for processing:

Type of information	Description
Test Name	The name of an assessment
Date Completed	The date and time an assessment was completed.
Teacher	The name of the teacher who administered an assessment
Upload Status	Whether an assessment uploaded to the eduphoria! website
File Name	The full name of the file containing the assessment results. Click the file name to open the file.

#### Deleting an assessment

Use the following procedure to delete an assessment listed in the View Upload Status screen.

#### To delete an assessment

- 1. Browse to the View Upload Status screen.
- 2. Select the assessment to be deleted.

#### 🕝 IMPORTANT

Ensure that assessment data was successfully transmitted to the *eduphoria!* website before you delete an assessment. Deleted assessment data cannot be recovered.

3. Click Delete.

A message appears prompting you to ensure that you want to delete the files.

4. Click OK.

A message appears confirming that the selected assessment results have been deleted.

# Chapter 4 Troubleshooting

This section includes troubleshooting information.

Issue	Cause	Solution
You're unable to start the connector software.	SMART Response 2012 software isn't installed.	Install SMART Response 2012 software.
Students' clickers don't find or connect to a class or an	You haven't started the test yet.	Start the test.
assessment.	SMART Response receiver isn't connected to an available USB interface on your computer.	Connect the SMART Response receiver to your computer.
	The SMART Response system isn't configured correctly for your students' clickers.	Close the SMART Response connector for <i>eduphoria!</i> , then select the appropriate SMART Response mode for your students' clickers. See your SMART Response 2012 user's guide or online Help.
	There's an issue with your computer's Internet connection.	See your system administrator.

#### CHAPTER 4

Troubleshooting

Issue	Cause	Solution	
You're unable to log on to the eduphoria! server.	There's an issue with your computer's Internet connection.	See your system administrator.	
	Your computer or network is protected by a firewall or proxy.	See your system administrator.	
	Your <i>eduphoria!</i> login details are incorrect.	Confirm <i>eduphoria!</i> login details and retry.	
	Your network configuration requires that your computer use a proxy server to connect to the <i>eduphoria!</i> server.	Enable or check the SMART Response connector for <i>eduphoria!</i> proxy setting (see <i>Manually</i> <i>configuring proxy settings</i> on page 18).	
You're unexpectedly prompted to close the the SMART Response connector for <i>eduphoria</i> !.	Your SMART Response receiver is disconnected from your computer.	Close the connector. Reconnect your SMART Response receiver and then restart the assessment that was running when the SMART Response connector for <i>eduphoria!</i> closed.	
	Your computer lost Internet connectivity.	Re-establish your computer's Internet connectivity, and then restart the assessment that was running when the SMART Response connector for <i>eduphoria!</i> closed.	

Issue	Cause	Solution
Assessment results don't upload successfully to the <i>eduphoria!</i> website.	There's an issue with your computer's Internet connection.	See your system administrator.
	Your <i>eduphoria!</i> login details are incorrect.	Confirm <i>eduphoria!</i> login details and retry.
The question numbers on your students' SMART Response clicker displays don't match the equivalent assessment question number.	The assessment question's number exceeds the maximum value that can be displayed on your students' SMART Response clickers.	See the information about multi-part assessments in the Note in <i>Before you start</i> on page 13.
An "Unable to start question" message appears and you're unable to start an assessment.	The SMART Response mode selected isn't appropriate for your students' clickers.	See Selecting how students answer questions on page 7 for information on selecting the appropriate SMART Response mode for your students' clickers.
An "Unsupported questions" message appears and you're unable to start an assessment.	The SMART Response mode you're using doesn't support one or more question formats used in your assessment.	See Assessment format considerations on page 7 to find out which question formats each SMART Response mode supports, and then use one of the following options:
		<ul> <li>Log onto the <i>eduphoria!</i> website and then remove the unsupported questions from the assessment.</li> <li>Use the SMART Response Set Up Tool to change your mode, and then try again (see your SMART Response system's online Help for more information).</li> </ul>

#### **SMART** Technologies

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