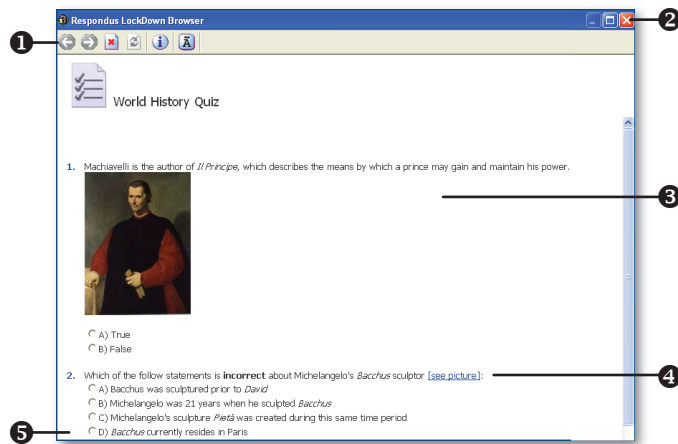




WHAT IS RESPONDUS LOCKDOWN BROWSER?

Respondus LockDown Browser is a customized browser that increases the security of online testing in ANGEL. When students use Respondus LockDown Browser to access an assessment, they are unable to print, copy, go to another URL, access other applications, or close an assessment until it is submitted for grading.

Respondus LockDown Browser works much like a standard browser, but some options have been removed or work differently. The list below highlights some of these differences.



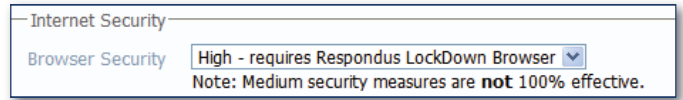
- 1 **Modified Toolbar** - the condensed toolbar includes only Forward, Back, Refresh and Stop functions.
- 2 **Assessment Mode** - assessments are shown full-screen and cannot be minimized, resized, or exited until submitted for grading.
- 3 **Disabled Controls** - all printing, keystroke combinations, screen grab, function keys, and right-click menus have been disabled.
- 4 **Links** - links to other web servers do not compromise the locked testing environment.
- 5 **Blocked Features & Applications** - the Start button (Windows), system tray, and menu bars have been removed. Hundreds of screen capture, messaging, screen-sharing and network monitoring applications are blocked.

ENABLING LOCKDOWN BROWSER FOR AN ASSESSMENT

Respondus LockDown Browser requires the ANGEL administrator to set an environment variable on the server to enable the LockDown Browser integration. Once enabled, instructors can follow these steps to set up an assessment for use with Respondus LockDown Browser.

1. Using a standard web browser, login to your ANGEL course as an instructor.
2. Navigate to the desired assessment and select **Settings**.
3. Select the Advanced Settings radio button.

4. Select the **Access** tab and scroll down to the Internet Security section.



5. Select the Browser Security pull-down list and choose **High - requires Respondus LockDown Browser**. (If this option does not appear, contact your ANGEL administrator.)
6. Click **Save**.
7. The assessment will now require students to use Respondus LockDown Browser.

INSTALLING RESPONDUS LOCKDOWN BROWSER

Respondus LockDown Browser must be installed to each computer being used to take an assessment. Follow the instructions below to install the Windows or Macintosh version of Respondus LockDown Browser.

Windows computers:

- Be sure that a valid version of Internet Explorer is installed by navigating to your institution's ANGEL login page and attempt to take a quiz that does not require Respondus LockDown Browser.
- Your institution will provide the link for downloading and installing Respondus LockDown Browser.
- During the installation, select **Yes** if prompted to accept programs from Macrovision and Respondus.
- Follow the onscreen instructions to complete the install.

Macintosh computers:

- Be sure that OSX 10.3.9 or higher is being used (512K RAM minimum).
- Your institution will provide the link for downloading and installing Respondus LockDown Browser.
- During the installation, select **Yes** when prompted to run the Java application.
- Follow the onscreen instructions to complete the install.

TAKING AN ASSESSMENT

From a student's perspective, this is how Respondus LockDown Browser is used to take an assessment.

1. Locate the "LockDown Browser" shortcut on the desktop and double-click it. (For Macintosh users, launch "LockDown Browser" from the Applications folder.)
2. If prompted to close a blocked program (e.g. screen capture, instant messaging) choose **Yes** when prompted.
3. Login to your ANGEL course using a student login.
4. Navigate to the assessment and select the **Begin Now** button.
5. Once an assessment has been started with Respondus LockDown Browser, you cannot exit until the **Submit** button is clicked.

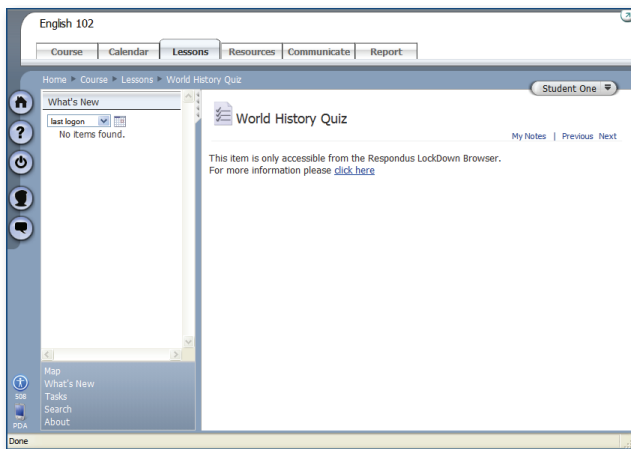
TIP – Prior to the first assessment, have students complete a practice assessment that uses Respondus LockDown Browser to make sure they have installed it correctly.

WHAT IF A STANDARD BROWSER IS USED?

If the settings for an assessment require that Respondus LockDown Browser be used, it cannot be accessed with a standard browser. In fact, you can easily confirm that an assessment has been properly set for Respondus LockDown Browser by following these steps using a regular browser.

1. Open a regular web browser such as Internet Explorer or Safari.
2. Login to the ANGEL course as a student.
3. Navigate to the assessment and open it.

As shown below, a warning message will indicate that Respondus LockDown Browser is required for the assessment. The **Begin Now** button will not be available.



OTHER TRAINING AND SUPPORT RESOURCES

- **User Guide** - contact your institution's Respondus LockDown Browser administrator for the complete user guide.
- **Student Quick Start Guide** - a student quick start guide is available at <http://www.respondus.com/download>.
- **Demo Movies** - view demonstration and training movies at <http://www.respondus.com/demo>.
- **Knowledgebase** - <http://www.respondus.com/esupport>.
- **Ticket-based Support**¹ - <http://www.respondus.com/esupport>.

¹ Contact your local support representative for Respondus LockDown Browser before opening a support ticket at www.respondus.com.

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