Guide to Universal Design of College Algebra   Your Name_____
Universal Usability Checklist for Web-Based Learning Resources

This checklist can be used to assess the helpfulness of an online math resource. A resource does not need to address every item in the checklist to be useful.

There is space at the bottom for comments about your experience using the resource.

Site Name: _____

Web Address: _____

Present on the Website	Important to Me	**Math Language & Vocabulary**
☐	☐	Definitions are located close to use of the word.
☐	☐	Definitions include both formal math language and everyday language.
☐	☐	Definitions include examples and graphics (pictures, diagrams, or drawings).
☐	☐	Definitions print when the page is printed.
☐	☐	Math language vocabulary is hyperlinked to a definition with an example that displays in the context of use such that the user does not need to leave and return to the page.
Present on the Website	**Important to Me**	**Content Summaries**
☐	☐	Content summaries (such as rules, solution steps, patterns) are displayed in a table or graphic image.
☐	☐	The design of the summary table or graphic image used to summarize content emphasizes the relationships between the concepts depicted.
☐	☐	Textual explanations of the summary table or graphic image are given to articulate the pattern, relationship, or comparison being described.
☐	☐	Each page offers basic concepts and math facts necessary for understanding the content.
Present on the Website	**Important to Me**	**Examples**
☐	☐	The site includes multiple examples of each concept.
☐	☐	The site points out non-examples or common errors: examples that describe related instances where the concept does not apply. The site also includes an explanation of why the concept does not apply.
☐	☐	Solutions to math problems are explained step-by-step, including steps that might seem obvious, such as concepts and math facts that have been taught in previous coursework.
☐	☐	Video explanations show the process of solving an example problem.

Present on the Website	Important to Me	Practice Exercises
☐	☐	Multiple types of practice exercises are offered with different levels of difficulty.
☐	☐	The instructions use language you can understand.
☐	☐	Help is available including basic concepts underlying the math concept being practiced, as well as any relevant rules or math facts.
☐	☐	Hints and error alerts are offered and include specific references to the numbers used in the problem being solved.
☐	☐	You can fix errors or change your answers any time.
Present on the Website	**Important to Me**	**Information Design**
☐	☐	Content is uncluttered. White space and multiple heading levels are used to visually connect related content.
☐	☐	Bulleted lists are used rather than long paragraphs of text (more than 3 sentences).
☐	☐	Math examples are displayed separately from textual explanations.
☐	☐	When color signifies meaning, a legend is provided to explain the meaning of each color.
☐	☐	Color is not the only method used to convey meaning.
Present on the Website	**Important to Me**	**Navigation**
☐	☐	There is a clear link back to the home page.
☐	☐	It is easy to tell where you are in the website.
☐	☐	You get what you expect when you click on links.
☐	☐	The text size can be increased using the browser menu item (located under 'View': Zoom or Text Size).
Present on the Website	**Important to Me**	**Accessibility**
☐	☐	The text is written in an understandable manner.
☐	☐	The site's use of color does not prevent text from being readable.
☐	☐	The text size can be increased using the browser menu item (located under 'View': Zoom or Text Size).
☐	☐	Video and audio include transcripts.

☐	☐	Text summaries are provided for complex images, charts, and graphs.
☐	☐	The site passes accessibility validation at http://www.contentquality.com/ (You can enter the web address of the site at this link and get an accessibility report.)

Your Comments