

Usability Test

Lesson Title: Identifying non-comparative concepts			Module: Discrimination Teaching	Course: Direct Instruction Writer Training
Target Audience: Instructional Design Writers			Course Launch: Fall 2020	Location: Asynchronous online
#	Design Feature	Type	Detail/ Rationale	
1	Navigation	Labeling	The navigation is labeled by slide title and section/scene group. The labels are user-friendly.	
		Ease of use	The navigation control can be accessed on the top-left part of the screen. There, users can access any part of the lesson. This makes it easy to review and skip content.	
		XYZ Test	a) Success in navigating to any part of the page. b) Success in navigating via menu and heading paths. c) Success in efficiency of finding particular content. d) Success overall with a, b and c. e) Recommendations are different labels for knowledge check slides.	
2	Organization	Flow	The lesson begins with a prior knowledge check, proceeds to a 'gain attention' / 'connect' section. After that, it proceeds to the instruction. Last, there is a knowledge check for the current lesson.	
3		Logic	The lesson follows the logically principles and axioms of Direction Instruction by Siegfried Engelmann. It provides initial positive examples and then negative examples.	
4	Images	Quantity	There are at least one to two images at a time for each slide. This follows Mayer's Cognitive Load guidelines.	
		Content	The images exemplify the non-comparative concepts, such as the color 'blue' and the position 'inside'.	
5		Use	The images use what a teaching concept could be. They are integral to the lesson's objectives.	
6	Assessment	Quantity	There are 6 quiz or knowledge check questions and two drag-and-drop questions.	
7		Alignment	There is sufficient information in the training to answer the quiz questions. Incorrect responses are referred back to specific slides where users can find the answers. There also is optional narration to each slide, which elaborates the content for unfamiliar users.	
8		Types	There are two types of questions: recall and application. The recall questions assess users' understanding holistically. The application questions assess specific skills that will be frequently used later.	

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9	Content	Reflection / 'Connect' sections	The 'gaining attention' section at the beginning asks users to reflect on their own teaching experiences. There is also specific feedback in the quizzes, which ask users to 'trace' their line of thinking/recall.
		Pacing	Each content slide has 30 seconds to 1 minute of content. This makes the content 5 minutes and 23 seconds long. This does not include the introduction, quizzes and supplemental branching content.
	Font	Font Choice	The font choice is Verdana. It is a sans-serif, which is generally considered more user friendly. Verdana is also IE supported.
		Size	The font size is large. In the instruction section, the size ranges from 36pts to 20pts. Smallest font size is 16pts. Large font sizes are one of the W3C accessibility recommendations.
12	Color	Color Choice	Color choice was for the content was a range of dark purples: #403152 for section title, #7030A0 for the slide heading, #604A7B for the content on the slide. Decorative parts include the green #93C051 and the red-brown #C58E77.
		Color Pattern	Color pattern is both complementary and monochromatic. The decorative tops complement the image border piece. The content parts have a monochromatic color scheme.
		Color ADA	The colors are not distracting. Each is muted in value. Additionally, the content is not green or red, which are colors that cause issues. Blue was also not chosen because of its association with links.
13	Audio	Content	Each of the instruction slides provides optional audio. This audio elaborates on the slide content.
		ADA	The audio is also included as notes on the bottom of the screen as well as captions that can appear on screen.
14	Slide Explanations	Steps	The slides include rollover events to break the text into smaller chunks. The slides provide directions in gray for any of these interactive elements that require directions.
15	Overall Rating	Strengths	The graphics and professionalism stand out.
		Areas to improve	The content is targeted to a very specific audience. High-interest determines efficacy of lesson.
17	Prototyping	Test Run	Casey was able to complete the lesson.
Tested by: Kurt Schwartz			Reviewed by: Casey R.