

Recognition & Meaning Making in Data Representations

Date: _____

Adult (only): Age: _____

Data collector: _____

Adult w/ Youth: Age: _____

Youth (only): Age: _____

Start Time: _____	End time: _____	Elapsed time: _____
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How interested in science are you on a scale of 1 (not interested at all) to 10 (totally love it)? _____

How interested in math are you on a scale of 1 (not interested at all) to 10 (totally love it)? _____

How interested in art are you on a scale of 1 (not interested at all) to 10 (totally love it)? _____

Thank you, again, for agreeing to participate! I'm going to show you a series of five different images. These are images of ways we show "data" – they can be types of graphs, or charts, or maps, or tables or any of those sorts of ways data may be presented to make them more "meaningful." For each, I'm going to ask you to answer four questions. Don't worry about being right, just tell me what you think! Do you have any questions? Let's begin!

	Does this type of data presentation look at all familiar? Where might you have seen images like this	How do you think you read this type of data presentation? (How would you begin to interpret this)	What would you call this type of data presentation	What types of data or information do you think make the most sense to be included in this type of visual
Visual #	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
	(Circle: Yes/ No A / Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
Visual #	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)

	Does this type of data presentation look at all familiar? Where might you have seen images like this	How do you think you read this type of data presentation? (How would you begin to interpret this)	What would you call this type of data presentation	What types of data or information do you think make the most sense to be included in this type of visual
Visual #	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
Visual #	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
Visual #	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)
	(Circle: Yes/ No A/ Y)	(Circle: A/ Y)	(Circle: A/Y)	(Circle: A/ Y)

Was this easy or difficult to do? Why?

Please put these visuals in order from easiest to most difficult to read or interpret. [Note the order and visual #]

Easiest (1): 2: 3: 4: 5 (Hardest):

Why do you think this one was the easiest?

Why do you think this one was the most difficult?

Anything else you'd like to share with me?

Thank You!

Please see <http://cns.iu.edu/2015-VisLit.html> for study materials and results.