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Advancing Digital Equity in Public Libraries:
Assessing Library Patrons' Problem Solving in
Technology Rich Environments

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Assessing Problem Solving in Technology Rich Environments within a Public Library

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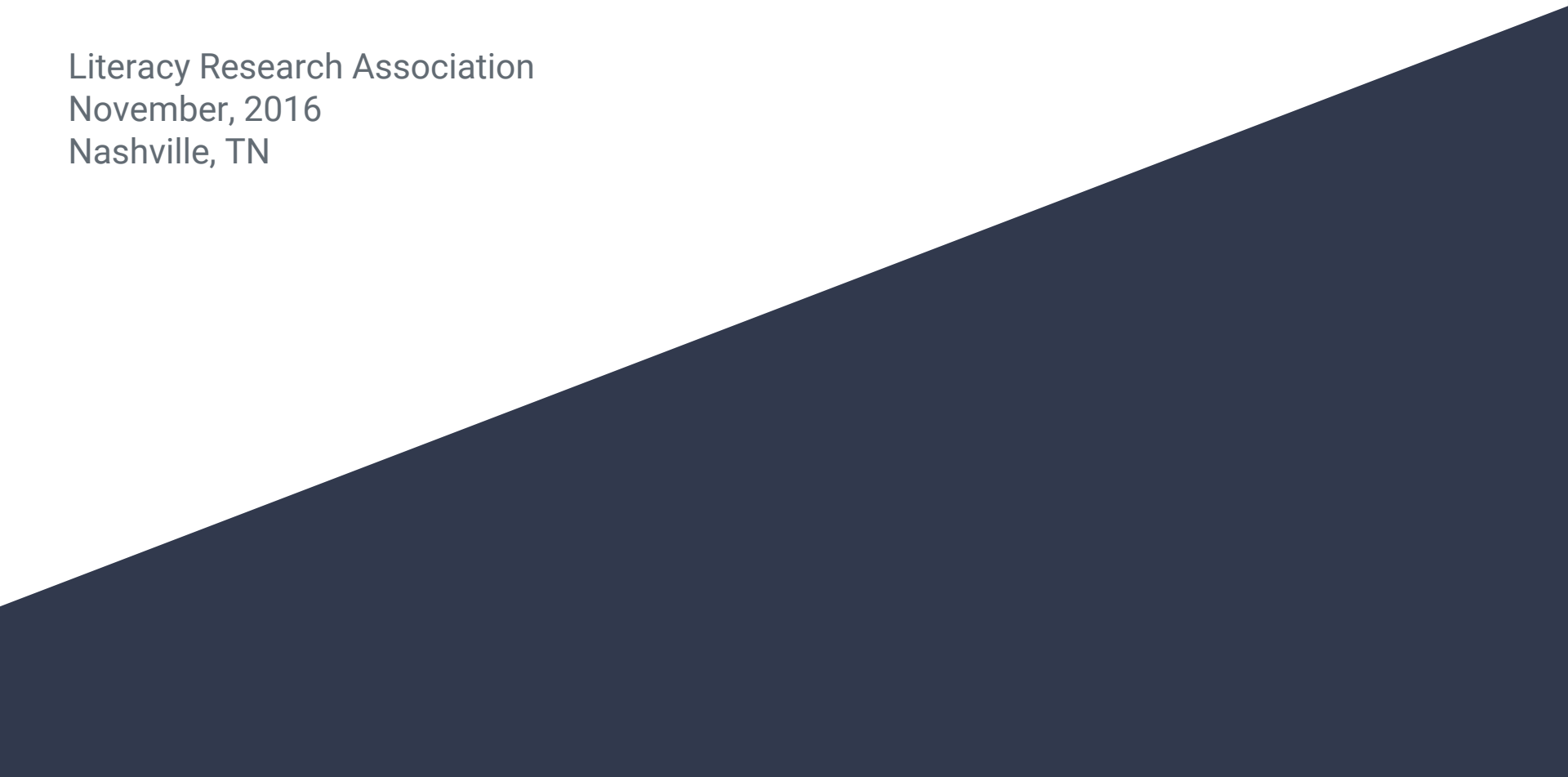
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Contribution to Alternative Session

Literacy Research Association
November, 2016
Nashville, TN



Learning Progression Analysis Tool

- How can we gain a more nuanced understanding of what the PSTRE scores mean?
- How can we understand the problem solving skills exhibited by participants?
- What concrete strategies do participants actually use along the continuum of experience and learning?

Levels of Independence

Independent / Straight-forward	Independent / Prolonged	Partial Independence	Aided / Prolonged	Gives up
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After being directed to the correct areas of the screen by the interviewer or learning partner, the participant is able to complete the different steps within the task on their own.

Participant hesitates or finds completing the task confusing, but eventually takes action without direct intervention from the interviewer or learning partner. Participant may have questions about the appearance of the screen but not questions about actions that need to be taken.

Observable Skills

Independent	Independent / Prolonged	Partial Independence	Aided / Prolonged	Gives up
Goal setting and progress monitoring	<ul style="list-style-type: none"> The participant is hesitant to begin but is able to determine whether the strategy worked as expected. The participant is hesitant to adjust a strategy but is able to make adjustments or change strategy without prompting. The participant is hesitant but is able to establish and apply criteria for making decisions. 		<ul style="list-style-type: none"> When prompted, the participant is able to determine whether the strategy worked. The participant needs prompting or encouragement to start over or adjust the strategy. The participant initially has unclear criteria for making decisions but is able to do with prompting. 	
Planning and self organizing				
Acquiring and evaluating information				
Making use of information				
Genre knowledge				