

**2009 Intermountain Conference on Education of the Gifted  
Mini-Strand Proposal Template**

Presenter: Rebecca H. Odoardi

Presentation Title: Advanced Readers At Risk Program and STEM: Looking at Reading Through the Lens of Science and Math

Overview: How does the Advanced Readers At Risk program fit with STEM? What are the specific strategies in each area of the World Class Reader Model that tie the program to math and science? In this three day workshop, participants will learn about the characteristics of high-ability readers, how to differentiate for them using the Advanced Readers At Risk program and most importantly, they will be given strategies in each of the four areas of the model that tie directly to science and math. Emphasis will be placed on helping participants develop their own lessons/activities to use with their own high-ability readers.

Audience Guidance				Time Slot
Primary Grades (K-2)	2	Key	1. This mini-strand will be directly applicable to these grade levels. Teachers at these grade levels will benefit most by attending this mini-strand.	AM
Elementary Grades (3-5)	1		2. This mini-strand will be suitable for these grade levels. Teachers at these grade levels will benefit some by attending this mini-strand because instructors will suggest extensions or adaptations.	
Middle School (6-8)	1		3. This mini-strand could be suitable for these grade levels. However, to benefit, teachers at these grade levels will be individually responsible for determining implications for their own particular teaching assignments.	PM
High School (9-12)	3		4. This mini-strand is likely not appropriate for these grade levels.	

**Daily Outlines**

Monday	Tuesday	Wednesday
Curriculum/Content	Instruction/Process	Assessment/Product
<ul style="list-style-type: none"> <li>• Introduction to the ARAR Model</li> <li>• Characteristics of Advanced Readers</li> <li>• World Class Reader Model</li> <li>• Reading for Leisure Strategies               <ul style="list-style-type: none"> <li>○ Critical Questioning</li> <li>○ Biographies</li> <li>○ Big Ideas</li> </ul> </li> <li>• Learning To Read Strategies               <ul style="list-style-type: none"> <li>○ Text Structures</li> <li>○ Syllogistic Thinking</li> <li>○ Logical Fallacies</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Differentiation in ARAR</li> <li>• Reading to Learn Strategies               <ul style="list-style-type: none"> <li>○ SAGE</li> <li>○ Future Studies</li> <li>○ Probing for Deeper</li> <li>○ Thinking</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Reading To Serve Strategies— Participants will develop their own activities and assessments throughout the workshop based on the material provided</li> </ul>