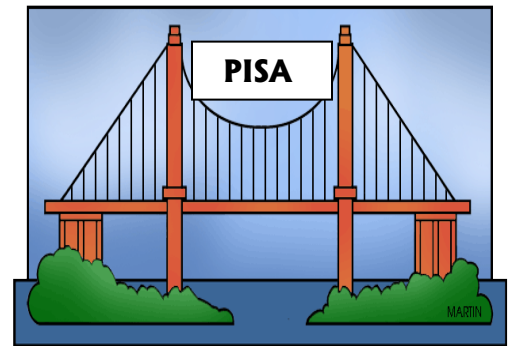


# PISA 2015 - A TOOL FOR DIPLOMACY AND BRIDGING BARRIERS TO STEM ACHIEVEMENT

**ACEI Association for Childhood Education International**  
**2017 Institute of the Center for Education Diplomacy**  
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## DESCRIPTION

PISA 2015 provides results in Math, Reading, with extensive focus on Science. PISA sub-group scores in Gender, and “Top Performer” proficiency Levels 5/6 provide a discretionary diplomacy tool in STEM advocacy and SDG equity goal.

## PURPOSE

- ✚ Highlight use of PISA 2015 results as a diplomacy tool in supporting SDG Goal 4 related to “equitable quality in education” while building a bridge to higher achievement especially in the area of STEM and advocacy for girls.
- ✚ Wealth of PISA sub-group data may help build higher proficiency scores and overall transnational achievement.
- ✚ Advocacy using PISA scores recognizes benefits as well as limitations in research evidence using PISA data.

	<p><b>PISA Under Examination</b>                  CESE 2009 - Changing Knowledge, Changing Tests, and Changing Schools                  Edited By M. Pereyra, H. Kogghoff, R. Cowen                  CESE Comparative Education Society Europe                  2009 International Symposium C. 2011</p>	<p><b>PISA, POWER, and POLICY</b>                  the emergence of global educational governance                  Edited by Heinz-Dieter Meyer &amp; Aaron Benavot c. 2013</p>	
<p> David C. Berliner Context for Interpreting Results in the USA</p>	<p>Robert Cowen (Ed.) CODA</p>	<p> <b>PISA and GLOBALIZATION OF EDUCATION GOVERNANCE: Some Puzzles and Problems</b></p>	<p> <b>POLICY RESPONSES TO PISA IN COMPARATIVE PERSPECTIVE</b> (A. Wiseman) GOAL: Internationally Comparative Evidence Base for Educational Policy Development and Implementation</p>
<p><b>NOTES OF CAUTION:</b></p> <ul style="list-style-type: none"> <li>✓ Potential to Distort Regions in National Educational Systems</li> <li>✓ Tests Determine the Curriculum</li> <li>✓ SES Effect - Inequality &amp; Inequity</li> <li>✓ High Stakes Assessment Distorts</li> <li>✓ Can Corrupt Teachers</li> <li>✓ Narrows What It Means to Be An Educated Person</li> </ul>	<p>“PISA is Technically Magnificent Despite Notes of Caution”</p> <ul style="list-style-type: none"> <li>➤ “Big Social Science”</li> <li>➤ Fieldwork on a Grand Scale</li> <li>➤ Courageously Conceived</li> <li>➤ Carefully Constructed</li> <li>➤ Implemented &amp; Delivered with Major Professional Skill</li> <li>➤ Rigorous, Empirically Justifiable</li> </ul>	<ul style="list-style-type: none"> <li>✓ PISA Strategic Prominence in International Educ. Policy Debates</li> <li>✓ OECD New Institutional Role As Arbiter Global Education Governance</li> <li>✓ Diagnostician, Judge, Policy Advisor to World’s School Systems</li> <li>✓ Problematicize this Development</li> <li>✓ Question PISA as Institution-Building Force in Global Education</li> <li>✓ Potential to Induce Changes in How Nations Organize Public Education</li> </ul>	<ul style="list-style-type: none"> <li>➤ Implemented Policy Exhibits Alignment Within Economic &amp; Political Subgroups</li> <li>➤ Policymaker Responses - Product of Policy Agenda, Public Opinion, Practical Application</li> <li>➤ INITIAL RESULTS Ranking, League Tables Publicly Celebrated Media Coverage</li> <li>➤ <b>SECONDARY RESULTS – Ignored</b> More Informative, More Accurate</li> <li>➤ Not Political Agenda</li> <li>➤ PISA “Shock” Phenomenon</li> <li>➤ Excellence &amp; Equity Responses to PISA:</li> </ul>

## REFERENCES

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3. <http://all4ed.org> “Latest PISA Results Show American Students Hold Steady in Reading and Science Performance, Slip Significantly in Math” By Jason Amos Dec. 06, 2016 02:16 pm Retrieved 1/13/2017.
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**PISA LEAGUE Tables NOT a Horse Race.**

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