




# Evidence Explained

ESSA emphasizes “evidence-based” approaches that have demonstrated statistically significant positive effect on student outcomes. ESSA identifies four levels of evidence: Level 1 Strong, Level 2 Moderate, Level 3 Promising, and Level 4 Evidence that demonstrates a rationale. The levels are defined by the research study design.

## Sheltered Instruction Observation Protocol meets ESSA’s Level 3 evidence criteria.

Level 3 Evidence Criteria	Alignment to Requirements	Detail
Correlational study with statistical controls for selection bias.	Meets	Student achievement gains for schools where teachers implemented Sheltered Instruction Observation Protocol (SIOP®) with English Learners were compared to student achievement gains where the SIOP® model was not implemented.
Show a statistically significant and positive effect on student outcomes.	Meets	<div>Students taught using the SIOP® model achieved statistically significant growth on the writing assessment from Illinois Measurement of Annual Growth in English (IMAGE).</div> <div><ul style="list-style-type: none"><li>Students taught using the SIOP® model statistically significantly outperform comparison students growing 1.61 more points on the Total Test.</li><li>Students taught using the SIOP® model also statistically significantly outperformed comparison students on the Language Production, Organization and Mechanics subtests.</li></ul></div>

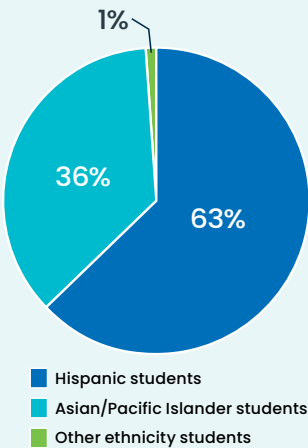


Study completed by: Echevarria, J., Short, D., Powers, K.  
Report available upon request.

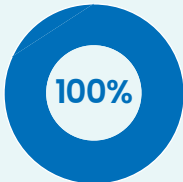
Year: 2008–2009

**Study description:** The study focused on improving English Learner’s academic English skills and literacy development in a classroom setting. Teachers implemented the Sheltered Instruction Observation Protocol during intervention classes for the study. Results were analyzed for 458 students taught by 23 teachers across 8 schools in 5 districts, with matched pretest/posttest scores.

The final sample was diverse including:



Additionally, 100% of students were designated English learners.



For more information, visit:  
[savvas.com/evidencebased](https://savvas.com/evidencebased)

Savvas.com  
800-848-9500

Copyright © 2024 Savvas Learning Company LLC. All Rights Reserved. Savvas® and Savvas Learning Company® are the registered trademarks of Savvas Learning Company LLC in the US and in other countries.