Evidence Explained

ESSA emphasizes "evidence-based" approaches that have demonstrated statistically significant positive effect on student outcomes. ESSA identifies four levels of evidence: strong, moderate, promising, and evidence that demonstrates a rationale. The levels are defined by the research study design.

Sheltered Instruction Observation Protocol meets ESSA's "Promising" evidence criteria

Promising Evidence Criteria	Alignment to Requirements	
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 where compared to student achievement gains where the SIOP model was not implemented.
Show a statistically significant and positive effect on student outcomes	**Meets**	Students taught using the *SIOP model* achieved statistically significant growth on the writing assessment from **Illinois Measurement of Annual Growth in English (IMAGE)**. **▲1.61 POINTS** • Students taught using the *SIOP model* statistically significantly outperform comparison students growing 1.61 more points on the Total Test. • Students taught using the *SIOP model* also statistically significantly outperformed comparison students on the Language Production, Organization and Mechanics subtests.

For more information, visit:

Savvas.comEvidenceBased

Siop®

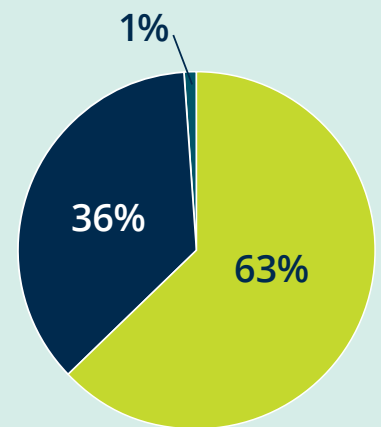## PROMOTING ACADEMIC LANGUAGE DEVELOPMENT FOR ALL

Study completed by:
Echevarria, J., Short, D., Powers, K.

Year: 2008-09

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:

- 1%
- 36%
- 63%

■ Asian/Pacific Islander students
■ Hispanic students
■ Other

Additionally:

100%

were designated English learners

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