LEVEL OF EVIDENCE IN

WHAT WORKS CLEARINGHOUSE PRACTICE GUIDES



: IES INSTITUTE OF EDUCATION SCIENCES

PRACTICE GUIDES provide educators with evidence-based practices to tackle current challenges in education. Practice guides combine the best available evidence and expertise on a topic to give educators strategies to use in their classrooms and schools.

Practice guides contain several recommendations on a topic, each of which is assigned a **level of evidence** that indicates the strength of the evidence for the effect of the recommended practices on student achievement. All recommendations in a guide are supported by at least some **rigorous research**, and all of the guide's recommendations are **endorsed by the expert panel**. The rationale for each level of evidence rating is described in detail in the practice guide's appendix.

The level of evidence is based on:

- The number of studies supporting the recommended practices
- Whether the recommended practices were directly tested in the studies or tested in combination with other practices
- Whether the recommended practices consistently led to improved outcomes within and across studies



Whether the studies capture a diverse range of students and contexts

MINIMAL level of evidence

- At least one study that meets WWC design standards and demonstrates that the practices improve student outcomes
- No consistent evidence that demonstrates the practices' positive effects, because it has not been studied or there is weak or conflicting evidence of effectiveness

MODERATE level of evidence

- Some evidence that the practices improve student outcomes
- Ambiguous evidence that the improvement in student outcomes is the direct result of the practices or whether the findings can be replicated with a diverse population of students

STRONG level of evidence

- Multiple studies meet WWC design standards and demonstrate that the practices improve student outcomes
- Consistent evidence that the practices improve student outcomes for a diverse population of students

Download one of our many free practice guides at whatworks.ed.gov and watch the video about practice guide's level of evidence.

Check out our other practice guide resources, including summaries, videos, webinars, instructional tips, and more.