

The What Works Clearinghouse is an initiative of the Institute of Education Sciences within the U.S. Department of Education. The WWC reviews high-quality education research and provides resources to help educators use evidence-based practices during instruction. All WWC resources are free to use.

This document accompanies the webinar describing evidence-based math, reading, and writing tips for in-person and remote instruction.

The webinar is available on the WWC website, along with a wide range of resources for educators: <https://ies.ed.gov/ncee/wwc/Resources/ResourcesForEducators>.

Many of these resources are based on WWC practice guides. Practice guides provide how-to steps and tips for educators on how to implement evidence-based practices in a particular area.

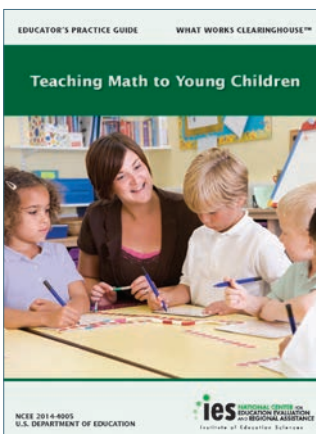
Access the full library of over two dozen WWC resources: <https://ies.ed.gov/ncee/wwc/PracticeGuides>.

Resources for math teachers



Resources for remote and hybrid instruction

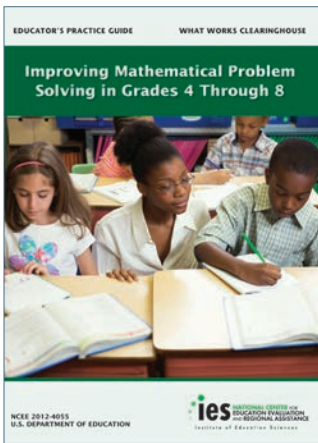
- Evidence-Based Recommendations for Remote Math Instruction in the Elementary Grades: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/RemoteMath_Elementary.pdf
- Evidence-Based Recommendations for Remote Math Instruction in the Secondary Grades: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/RemoteMath_Secondary.pdf



Resources for implementing recommendations in select WWC practice guides

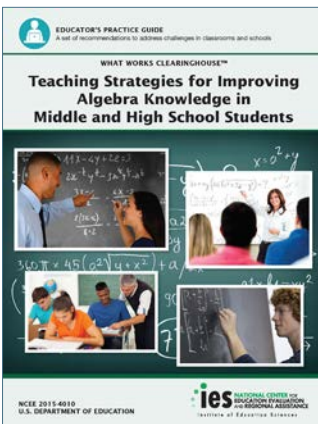
Teaching Math to Young Children

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/18>
- Summary: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_empg_summary_020714.pdf
- Webinar: <https://youtu.be/-XbUwXfwX5g>
- Video on using progress monitoring to build on what children know (Regional Educational Laboratory (REL) Central): <https://www.youtube.com/watch?v=jx9A7jA0YK0>



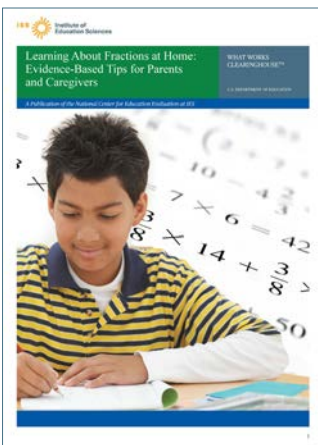
Improving Mathematical Problem Solving in Grades 4 Through 8

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/16>
- Instructional tips: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_mps_tips_072517.pdf
- Webinar (REL Northeast and Islands): <https://www.youtube.com/watch?app=desktop&v=P9IWq2wxb7I>



Teaching Strategies for Improving Algebra Knowledge in Middle and High School Students

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/20>
- Summary: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_algebra_summary_072115.pdf
- Video: <https://youtu.be/RIH2vt8mzTU>



Resources to share with students' parents and caregivers

- Learning About Fractions at Home: Evidence-Based Tips for Parents and Caregivers: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/WWC2021_fraction-parent-tips.pdf
- Learning About Algebra at Home: Evidence-Based Tips for Parents and Caregivers: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/WWC2021_algebra-parent-tips.pdf
- Teaching Math to Young Children for Families and Caregivers website (REL Central): <https://ies.ed.gov/ncee/edlabs/regions/central/resources/teachingearlymath/index.asp>

Resources for teachers of reading and writing



Resources for remote and hybrid instruction

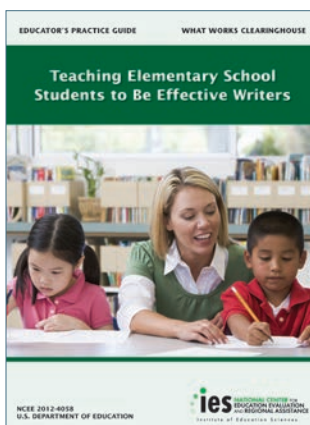
- Evidence-Based Recommendations for Remote Reading Instruction in the Elementary Grades: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/RemoteReading_Elementary.pdf
- Evidence-Based Recommendations for Remote Writing Instruction in the Elementary Grades: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/RemoteWriting_Elementary.pdf
- Evidence-Based Recommendations for Remote Writing Instruction in the Secondary Grades: https://ies.ed.gov/ncee/wwc/Docs/ReferenceResources/RemoteWriting_Secondary.pdf
- Interactive Writing Instruction Online with Young Children video (REL West): <https://youtu.be/F64fcdzBEYk>



Resources for implementing recommendations in select WWC practice guides

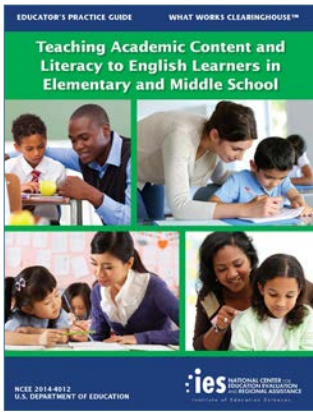
Foundational Skills to Support Reading for Understanding in Kindergarten through 3rd Grade

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/21>
- Summary: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_found_read_in_summary_051517.pdf
- Professional learning fluently by practicing reading about with your child (REL Southeast): <https://ies.ed.gov/ncee/edlabs/projects/project.asp?projectID=4541>



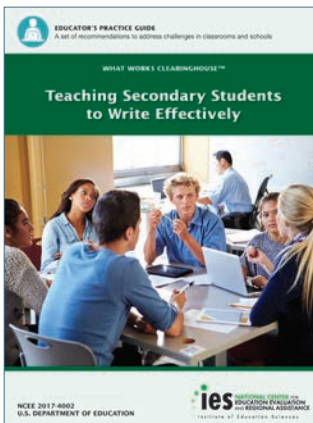
Teaching Elementary School Students to Be Effective Writers

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/17>
- Summary: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_writingpg_summary_092314.pdf
- Instructional tips: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_ew_tips_120517.pdf



Teaching Academic Literacy and Content to English Learners in Elementary and Middle School

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/19>
- Webinar: <https://www.youtube.com/watch?v=FacBQiof5zA>
- Professional learning communities facilitator's guide (REL Southwest): <https://ies.ed.gov/ncee/edlabs/regions/southwest/plc.asp>



Teaching Secondary Students to Write Effectively

- Full practice guide: <https://ies.ed.gov/ncee/wwc/PracticeGuide/22>
- Summary: https://ies.ed.gov/ncee/wwc/Docs/PracticeGuide/wwc_secwrit_summary_053117.pdf
- Webinar: <https://www.youtube.com/watch?v=yiPvvKmp-mQ>



Resources for educators to share with students' parents and caregivers

- Tips for Supporting Reading Skills at Home: https://ies.ed.gov/ncee/wwc/Docs/practiceguide/wwc_fr_tips_022118.pdf
- Supporting Your Child's Reading at Home (REL Southeast): https://ies.ed.gov/ncee/edlabs/regions/southeast/foundations/kindergarten_intro.asp
- Tips for Supporting Elementary Writing Skills at Home (REL Mid-Atlantic): https://ies.ed.gov/ncee/edlabs/regions/midatlantic/app/Docs/Infographics/Tips_for_Supporting_Elementary_Writing_Skills_at_Home_508.pdf

Questions?

If you have any questions about the WWC, practice guides, or any other WWC products, you can contact the WWC Help Desk at <https://ies.ed.gov/ncee/wwc/help>.