



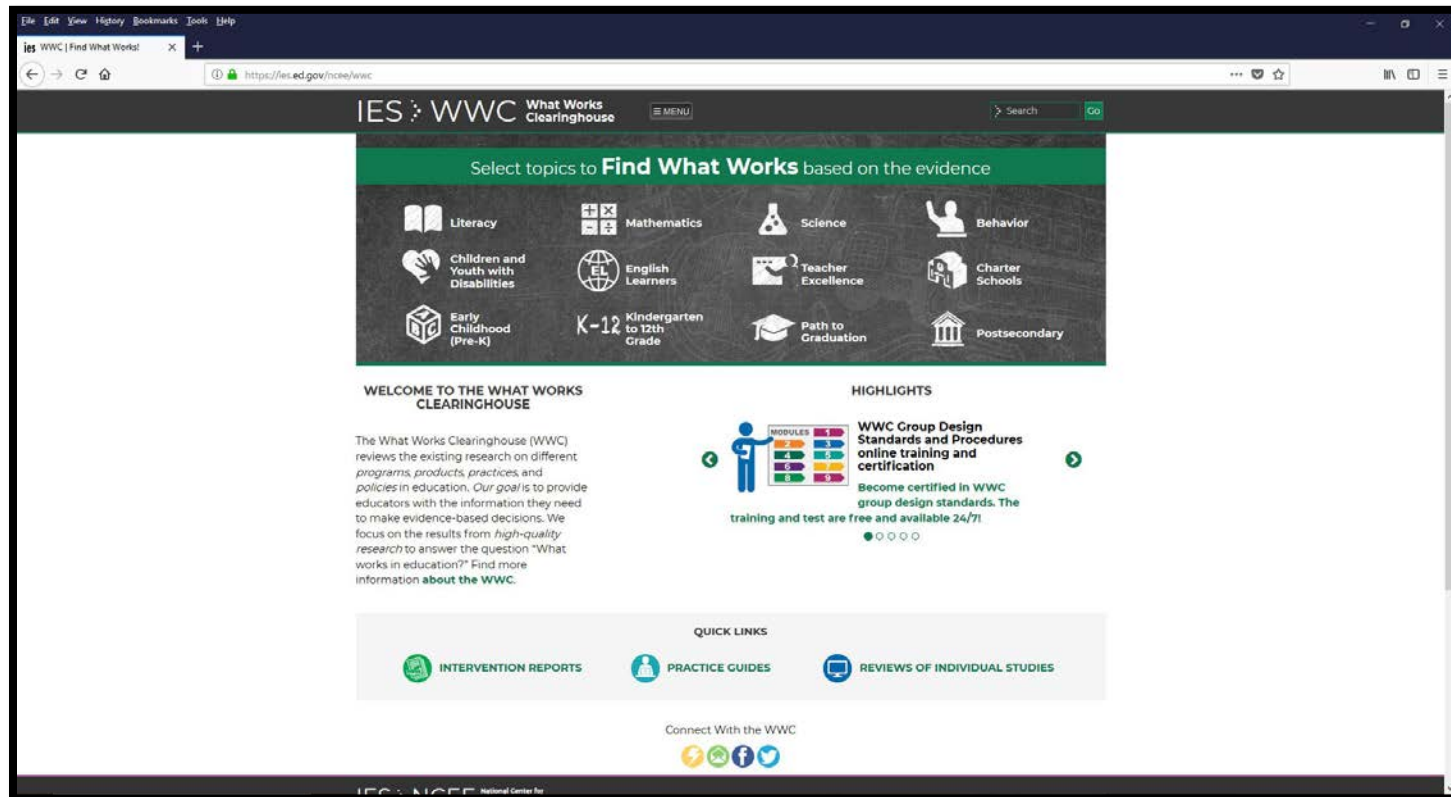
Using What Works Clearinghouse to Find Evidence-based Interventions

Kentucky Department of Education
Office of Continuous Improvement and Support

Section One

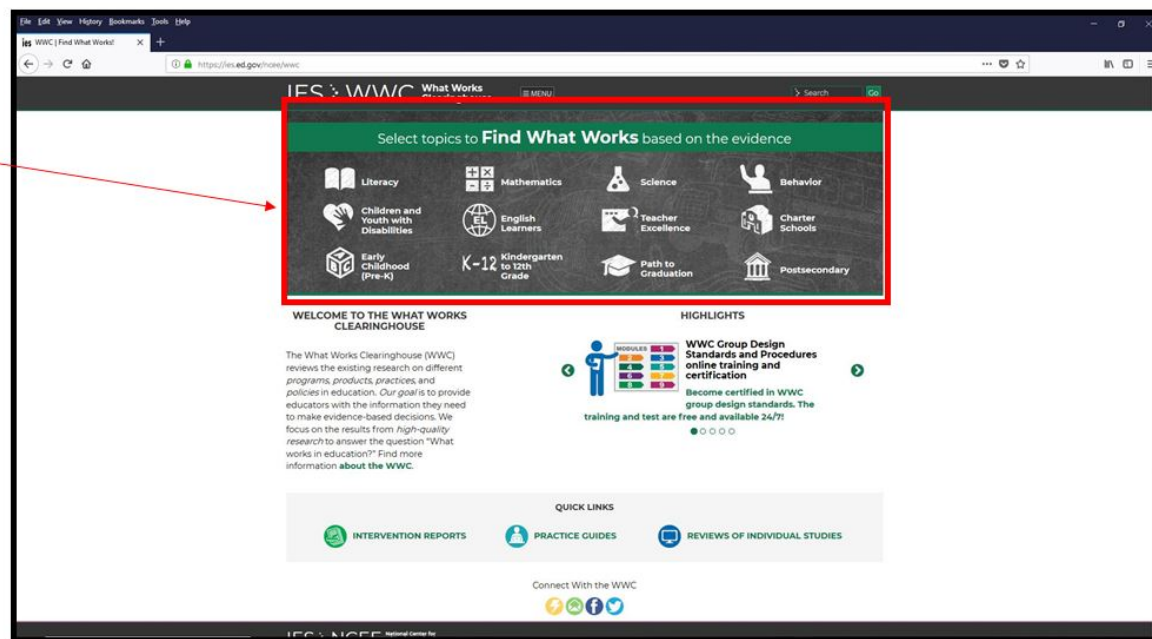
Identify Interventions

Step 1: Access the [What Works Clearinghouse](https://ies.ed.gov/ncee/wwc) website.



Step 2: Select a topic from the “Find What Works” topic list.

Find What Works
Topics List



Step 3: Select the “Find Research with Students Like Yours” button.

Find Research with
Students Like Yours
Button

The screenshot shows the IES WWC 'Find What Works' website. The main heading is 'Find What Works based on the evidence'. Below this, there is a green button labeled 'FIND RESEARCH WITH STUDENTS LIKE YOURS' which is highlighted with a red box. To the left of this button is a sidebar with a 'Filter by topic' section, including categories like Literacy, Mathematics, Science, Behavior, Children and Youth with Disabilities, English Learners, Teacher Excellence, Charter Schools, Early Childhood (Pre-K), Kindergarten to 12th Grade, Path to Graduation, and Postsecondary. Below the sidebar is a 'MORE FILTERS' button. To the right of the highlighted button, it says '227 Results filtered by: Literacy X'. Below this is a table of results with columns for 'Evidence of effectiveness', 'Intervention', 'Grades examined', and 'Compare'. The table lists various literacy interventions such as Literacy Express, Phonological Awareness Training, Knowledge is Power Program (KIPP), Reading Recovery®, READ 180®, Sound Partners, Phonological Awareness Training plus Letter Knowledge Training, Instructional Conversations and Literature Logs, SpellRead, Dialogic Reading, Success for All®, DaisyQuest, Earobics®, Leveled Literacy Intervention, and Stepping Stones to Literacy.

Evidence of effectiveness	Intervention	Grades examined	Compare
✓	Literacy Express	PK	<input type="checkbox"/>
✓	Phonological Awareness Training	PK	<input type="checkbox"/>
✓	Knowledge is Power Program (KIPP)	5-12	<input type="checkbox"/>
✓	Reading Recovery®	1	<input type="checkbox"/>
✓	READ 180®	4-10	<input type="checkbox"/>
✓	Sound Partners	K-1	<input type="checkbox"/>
✓	Phonological Awareness Training plus Letter Knowledge Training	PK	<input type="checkbox"/>
✓	Instructional Conversations and Literature Logs	2-5	<input type="checkbox"/>
✓	SpellRead	5-6	<input type="checkbox"/>
✓	Dialogic Reading	PK	<input type="checkbox"/>
✓	Success for All®	K-4	<input type="checkbox"/>
✓	DaisyQuest	PK-1	<input type="checkbox"/>
✓	Earobics®	K-3	<input type="checkbox"/>
✓	Leveled Literacy Intervention	K-2	<input type="checkbox"/>
✓	Stepping Stones to Literacy	K	<input type="checkbox"/>

Step 4: Build a profile of your school. Be sure to include at least grade levels, race, ethnicity, and urbanicity.

The screenshot shows the IES WWC Clearinghouse interface. A 'Filters' menu is open, displaying various selection options. Red arrows point from external text labels to specific elements in the interface:

- 'Grade' points to the 'Grade' dropdown menu.
- 'Race' points to the 'Race' dropdown menu.
- 'Ethnicity' points to the 'Ethnicity' dropdown menu.
- 'Urbanicity' points to the 'Urbanicity' dropdown menu.
- 'Click "Done" to save' points to the 'Done' button at the bottom of the filter menu.

The filter menu includes the following options:

- Grade: Select the grade(s) relevant to your students.
- Race: PK, K, 1, 2, 3
- Ethnicity: 4, 5, 6, 7, 8
- Gender: 9, 10, 11, 12, PS
- Class type
- School type
- Urbanicity
- Region/State

At the bottom of the filter menu are 'Done' and 'Clear All' buttons.

Step 5: Sort the results by clicking the “Students Like Yours?” label in the header row.

Find What Works based on the evidence

227 Results filtered by:

Literacy x

Evidence of effectiveness	Intervention	Grades examined	Students like yours?	Compare
✓	Achieve3000®	2-9	● ● ● ●	□
✓	Spelling Mastery	2-4	● ● ● ●	□
✓	Project CRISSE®	4-6	● ● ● ●	□
✓	Waterford Early Reading Program	K	● ● ● ●	□
✓	Teach for America (TFA)	K-12	● ● ● ●	□
✓	National Board for Professional Teaching Standards (NBPTS) Certification	3-8	● ● ● ●	□
?	Academy of READING®		● ● ● ●	□
?	Destination Reading		● ● ● ●	□
?	Headsprout Early Reading		● ● ● ●	□
✓	Knowledge Is Power Program (KIPP)	5-12	● ● ● ●	□
✓	Reading Recovery®	1	● ● ● ●	□
✓	SpellRead	5-6	● ● ● ●	□
✓	Success for All®	K-4	● ● ● ●	□
✓	Leveled Literacy	K-2	● ● ● ●	□

Students Like Yours Label

Step 6: Review the results to select an intervention. Use the guidelines below to determine if the intervention meets ESSA Evidence Criteria for Level I, II, or IV. You will **not** find Level III evidence on the What Works Clearinghouse.

ESSA Evidence Level I	ESSA Evidence Level II	ESSA Evidence Level IV
Interventions with a colored icon and three colored ovals are likely to be based on Level I evidence.	Interventions with a colored icon and two colored ovals are likely to be based on Level II evidence.	Interventions with a colored icon and only one colored oval are likely to be based on Level IV evidence.

Intervention List

The screenshot shows the WWC website interface. On the left, there is a 'Filter by topic' sidebar with 'Literacy' selected. The main content area displays '227 Results filtered by: Literacy'. A table lists various interventions with their effectiveness levels, grades examined, and evidence ovals. A red box highlights the table, and a red arrow points from the 'Intervention List' label to the table.

Evidence of effectiveness	Intervention	Grades examined	Students like yours?	Compare
III	Achieve3000®	2-9	●●●	□
III	Spelling Mastery	2-4	●●●	□
III	Project CRISSE	4-6	●●●	□
III	Waterford Early Reading Program	K	●●●	□
III	Teach for America (TFA)	K-12	●●●	□
III	National Board for Professional Teaching Standards (NBPTS) Certification	3-8	●●●	□
?	Academy of READINGS®		●●●	□
?	Destination Reading		●●●	□
?	Headsprout Early Reading		●●●	□
III	Knowledge Is Power Program (KIPP)	5-12	●●●	□
III	Reading Recovery®	1	●●●	□
III	SpellRead	5-6	●●●	□
III	Success for All®	K-4	●●●	□
III	Leveled Literacy	K-2	●●●	□

Section Two

Verify the Evidence Level

Step 1: Select the intervention from the list.

Intervention List

The screenshot shows the IES WWC 'What Works Clearinghouse' website. The main heading is 'Find What Works based on the evidence'. Below this, there is a search bar and a 'FIND RESEARCH WITH STUDENTS LIKE YOURS' button. A sidebar on the left is titled 'Filter by topic' and lists various categories: Literacy, Mathematics, Science, Behavior, Children and Youth with Disabilities, English Learners, Teacher Excellence, Charter Schools, Early Childhood (Pre-K), Kindergarten to 12th Grade, Path to Graduation, and Postsecondary. The 'Literacy' category is selected. The main content area shows '227 Results filtered by:' followed by a table of literacy interventions. A red box highlights the table, and a red arrow points from the text 'Intervention List' to the table.

Evidence of effectiveness	Intervention	Grades examined	Students like yours?	Compare
1	Achieve3000®	2-9	●●●●	<input type="checkbox"/>
1	Spelling Mastery	2-4	●●●●	<input type="checkbox"/>
1	Project CRISSE®	4-6	●●●●	<input type="checkbox"/>
1	Waterford Early Reading Program	K	●●●●	<input type="checkbox"/>
1	Teach for America (TFA)	K-12	●●●●	<input type="checkbox"/>
1	National Board for Professional Teaching Standards (NBPTS) Certification	3-8	●●●●	<input type="checkbox"/>
?	Academy of READING®		●●●●	<input type="checkbox"/>
?	Destination Reading		●●●●	<input type="checkbox"/>
?	Headsprout Early Reading		●●●●	<input type="checkbox"/>
1	Knowledge Is Power Program (KIPP)	5-12	●●●●	<input type="checkbox"/>
1	Reading Recovery®	1	●●●●	<input type="checkbox"/>
1	SpellRead	5-6	●●●●	<input type="checkbox"/>
1	Success for All®	K-4	●●●●	<input type="checkbox"/>
1	Leveled Literacy	K-2	●●●●	<input type="checkbox"/>

Step 2: Identify the desired outcome domain, and select the underlined phrase “_ studies meet standards”. Note: If the intervention you selected does not have a list of studies, that means that the intervention is not supported by evidence. Go back to the list and select a different intervention.

The screenshot displays the 'Reviewed Research' section for the 'Achieve3000' intervention. The page includes a header with the IES WWC logo and navigation options. Below the header, there is a section for 'Reviewed Research' with tabs for 'Beginning Reading' and 'Adolescent Literacy'. A table lists the outcome domain 'Reading fluency' with an underlined phrase 'Study meets standards'. The table also includes columns for 'Effectiveness rating', 'Studies meeting standards', 'Grades examined', 'Students', 'Improvement index', and 'Students like yours?'. The 'Studies meeting standards' column shows '2-3' and '14,403' students. The 'Improvement index' column shows a dash. The 'Students like yours?' column shows three green dots. The page also features a 'Connect With the WWC' section with social media icons and a footer with navigation links for IES, NCEE, and various policies.

Outcome domain	Effectiveness rating	Studies meeting standards	Grades examined	Students	Improvement index	Students like yours?
Reading fluency		<u>Study meets standards</u>	2-3	14,403	—	●●●

Step 3: Select the citation with the with the highest “Students Like Yours” rating (indicated by green ovals).

Citation

Students Like Yours Rating

Outcome domain	Effectiveness rating	Studies meeting standards	Grades examined	Students	Improvement Index	Students like yours?
Reading fluency	3.0	1 study meets standards	2-3	14,493	--	3 green ovals
Hill, D. V., & Lehard, M. A. (2016)			2-3	14,493	--	3 green ovals

Section Three
Review the Study

Step 1: Select “Findings” from the menu bar and view the improvement index to ensure that the intervention has demonstrated improvement in student outcomes. If it does not demonstrate a positive effect on student outcomes, it is not appropriate evidence.

Findings

Improvement Index

IES WWC What Works Clearinghouse

WWC REVIEW OF THIS STUDY

The impact of Achieve3000 on elementary literacy outcomes: Randomized control trial evidence, 2013-14 to 2014-15 (DRA Report No. 16.02).

Hill, D. V., & Lenard, M. A. (2016). Cary, NC: Wake County Public School System, Data and Accountability Department.

RANDOMIZED CONTROLLED TRIAL EXAMINING 22,583 STUDENTS, GRADES 2-5

Select a WWC Review: Achieve3000® Intervention Report - Adolescent Literacy, 2/2018

Review Data Findings Sample Characteristics Study Details Additional Sources

Comprehension outcomes—Indeterminate effects found

Outcome measure	Comparison	Period	Sample	Intervention mean	Comparison mean	Significant?	Improvement Index
North Carolina End-of-Grade Test	Achieve3000® vs. Business as usual	1 Year	2015 sample, grades 4-5; 6,307 students	991.703	985.106	No	--

More Outcomes

Literacy achievement outcomes—Statistically significant positive effects found

Outcome measure	Comparison	Period	Sample	Intervention mean	Comparison mean	Significant?	Improvement Index
LevelSet Lexile score	Achieve3000® vs. Business as usual	1 Year	2015 sample, grades 2-5; 12,851 students	577.9414	520.7244	Yes	57.217

More Outcomes

Step 2: Select “Sample Characteristics” to ensure that the study reflects your student population and setting.

ESSA Evidence Level I	ESSA Evidence Level II	ESSA Evidence Level IV
The “Sample Characteristics” align with both the student population AND the setting of your school.	The “Sample Characteristics” align with either the student population OR the setting of your school.	The “Sample Characteristics” does NOT align with either the student population or the setting of your school.

The screenshot displays the 'Sample Characteristics' section of a study report. The study title is 'Achieve3000® Intervention Report - Adolescent Literacy, 2/2018'. The sample size is 22,583 students in grades 2-5. The characteristics are as follows:

- 9% English language learners
- 36% Free or reduced price lunch
- Female: 49%, Male: 51%
- Race: Black (26%), White (51%)
- Ethnicity: Hispanic (18%), Non-Hispanic (82%)
- Setting: Rural, Suburban, Urban

Red arrows indicate the following mappings:

- 'Sample Characteristics' points to the 'Sample Characteristics' tab and the overall characteristics section.
- 'Sample Population' points to the 'Race' and 'Ethnicity' bar charts.
- 'Sample Setting' points to the 'Rural, Suburban, Urban' category.

Step 3: If the study meets the desired evidence level, maintain documentation of the source's study citation to support the selection of the intervention.

Study Citation

The screenshot displays the IES WWC Clearinghouse interface. The main heading is "WWC REVIEW OF THIS STUDY". Below this, the study title is "The impact of Achieve3000 on elementary literacy outcomes: Randomized control trial evidence, 2013-14 to 2014-15 (DRA Report No. 16.02)". The citation text, which is highlighted by a red arrow, reads: "Hill, D. V., & Lenard, M. A. (2016). Cary, NC: Wake County Public School System, Data and Accountability Department." Below the citation, it states "RANDOMIZED CONTROLLED TRIAL EXAMINING 22,583 STUDENTS, GRADES 2-5". A dropdown menu shows "Select a WWC Review" with "Achieve3000® Intervention Report - Adolescent Literacy, 2/2018" selected. The page includes tabs for "Review Details", "Findings", "Sample Characteristics", "Study Details", and "Additional Sources". The "Sample Characteristics" tab is active, showing a map of the United States and several data points: 9% English language learners, 36% Free or reduced price lunch, Female: 49% Male: 51%, Race (Black: 20%, White: 51%), Ethnicity (Hispanic: 10%, Not Hispanic: 82%), and Rural, Suburban, Urban.