

Evidenced-based Screeners and Interventions

| Tool Purpose | Name of Screener Intervention | Target Areas | What Works Clearinghouse (IES-WWC) https://ies.ed.gov/ncee/wwc Positive Potentially Positive | | Best Evidence Encyclopedia bestevidence.org | American Institute of Research (CRI-AIR, NCII-AIR) rti4success.org , intensiveintervention.org | | | | | |
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| | | | | Percentile | strong limited low | narrow moderate-low, high broad | convincing partially unconvincing | convincing partially unconvincing | convincing partially unconvincing | convincing partially unconvincing | convincing partially unconvincing |
| Screeners | AIMS web – Group Administer: 20 mins Online | Math Numeracy (K-1)..... Concepts & Applications (2-8)..... Number Identification (K-1)..... Oral Counting (K-1)..... Quantity Discrimination (K-1)..... | | | | ...Broad ...Moderate Low ...Broad ...Moderate Low ...Broad | ...Convincing ...Unconvincing ...Unconvincing ...Unconvincing ...Convincing | ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing | | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing | ...Convincing ...Convincing ...Convincing ...Convincing ...Unconvincing |
| | AIMSweb – Individual Administer: 10 mins Online | Letter Naming Fluency (K).. | | | | ...Moderate Low | ...Partially | ...Partially | | ...Convincing | ...Convincing |
| | DIAL-4: Developmental Indicators for the Assessment of Learning Individual/Group Administer: 35-40 mins Paper-based | Motor (PK-K)..... Concepts: Rote Counting, Meaningful Counting, Shapes (PK-K)..... Language: Alphabet Song, Letter Naming, Letter-Sound Correspondence (PK-K)..... Self-help (PK-K)..... Social-Emotional (PK-K).... | | | | | | | | | |
| | DIBELS – Individual Administer: 8 mins Paper-based | Letter Naming Fluency (K-1)..... Nonsense Word Fluency (K-2)..... Oral Fluency (1-3)..... Phoneme Segmentation (K-1)..... | | | | ...Broad ...Moderate High ...Moderate Low ...Moderate High | ...Unconvincing ...Convincing ...Partially ...Unconvincing | | | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing | ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing |
| | DIBELS Next – Individual (Spec Ed) Administer: 15 mins Paper-based | DAZE..... Oral Reading Fluency..... First Sound Fluency..... Nonsense Word Fluency... Phoneme Segmentation... | | | | ...Broad ...Moderate High ...Moderate Low ...Moderate High ...Moderate High | ...Unconvincing ...Convincing ...Unconvincing ...Unconvincing ...Unconvincing | ...Unconvincing ...Partial ...Unconvincing ...Unconvincing ...Unconvincing | | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing |

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| Screeners | easyCBM – Individual/Group administer: 50 mins Online | Reading Comprehension (K-8)..... Fluency (K-8)..... Vocabulary (K-8)..... | | | | ...Moderate High ...Moderate High ...Moderate High | ...Unconvincing ...Unconvincing ...Unconvincing | ...Unconvincing ...Unconvincing ...Partially | | ...Convincing ...Convincing ...Convincing | ...Unconvincing ...Unconvincing ...Unconvincing |
|-----------|---|---|--|--|--|---|--|---|--|---|---|
| | edSpring – Individual administer: 20 mins | Letter Naming Fluency (K) Letter Sound Fluency (K).... Nonsense Word Fluency (1)..... Oral Fluency (2-6)..... | | | | ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate High | ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing | ...Unconvincing ...Unconvincing ...Partially ...Convincing | | ...Convincing ...Convincing ...Convincing ...Convincing | ...Convincing ...Convincing ...Convincing ...Convincing |
| | FAST: earlyMath - Individual Administer: 30 mins | Composing (K-1)..... Composite (K-1)..... Decomposing (K-1)..... Grouping & Place Value (K-1)..... Math Quantity (K-1)..... Number Sequence (K-1)... Numeral Identification (K-1)..... Story Problems (1)..... | | | | ...Moderate Low ...Moderate High ...Moderate High ...Moderate High ...Moderate Low ...Moderate High ...Moderate Low ...Moderate High | ...Convincing ...Convincing ...Convincing ...Convincing ...Unconvincing ...Unconvincing ...Convincing ...Convincing | ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Partially | | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing |
| | FAST: earlyReading - Individual Administer: 30 mins | Concepts of Print (K-1)..... Decodable Words (K-1)..... Letter Names (K)..... Letter Sounds (K)..... Nonsense Words (K-1)..... Onset Sounds (K)..... Rhyming (K)..... Sentence Reading (1)..... Sight Words (1)..... Word Blending (K-1)..... Word Segmenting (K-1).... | | | | ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low ...Moderate Low | ...Partially ...Unconvincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing | ...Convincing ...Unconvincing ...Convincing ...Partially ...Partially ...Convincing ...Unconvincing ...Unconvincing ...Convincing ...Convincing ...Partially ...Convincing | | ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing ...Convincing | ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing ...Unconvincing |

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| Screeners | | | | | | | | | | | |
|--|---|--|--|--|------------------|---------------|-----------------|--|---------------|-----------------|--|
| G-MADE – Individual/Group Administer: 45-95 mins Paper-based | Math (K-12)..... | | | | ...Moderate Low | ...Convincing | ...Partially | | ...Convincing | | |
| GRADE – Individual/Group Administer: 45-95 mins Paper-based | Reading (PreK-12)..... | | | | ...Moderate Low | ...Convincing | ...Partially | | ...Convincing | | |
| iReady - Individual Administer: 30-60 mins Online | Math (K-12)..... (Common Core based) | | | | ...Broad | ...Convincing | ...Convincing | | ...Convincing | ...Unconvincing | |
| iReady - Individual Administer: 30-60 mins Online | English (K-12)..... (Common Core based) | | | | ...Broad | ...Convincing | ...Convincing | | ...Convincing | ...Unconvincing | |
| istation Indicators of Progress – Individual/Group administer: 13-21 mins Online | Phonemic Awareness, Letter Knowledge, Alphabetic Decoding, Spelling, Text Fluency, Vocabulary, Comprehension (K-5) | | | | ...Moderate Low | ...Convincing | ...Convincing | | ...Convincing | ...Unconvincing | |
| mClass Math– Individual/Group Administer: 3 mins Paper-based | Computation (K-3)..... | | | | ...Moderate High | ...Convincing | ...Unconvincing | | ...Convincing | ...Convincing | |

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| | mClass Reading 3D Individual Administer: 8 mins Paper-based | Text Reading and Comprehension (K-3) | | | | ...Moderate High | ...Partially | ...Convincing | | ...Convincing | ...Convincing |
| | Measures of Academic Progress – MAP Individual/Group Administer: 40 mins Online | Math (K-10)..... Reading (K-10)..... | | | | ...Partially ...Partially | ...Partially ...Partially | ...Partially ...Partially | | ...Convincing ...Convincing | |
| | Observation Survey of Early Literacy Achievement – Individual Administer: 15-45 mins | Print Concepts, Reading of Continuous Text, Letter Knowledge, Reading Vocabulary, Writing Vocabulary, Phonemic Awareness, Sound-Symbol Relationships (1) | | | | ...Broad | ...Convincing | ...Convincing | | ...Convincing | |
| | PALS – Individual/Group Administer: 20-45 mins Paper-based | Phonological Awareness, Alphabet Awareness, Letter Sound Knowledge, Spelling, Concept of Word, word Recognition in Isolation, and Oral passage Reading (K) | | | | ...Moderate High | ...Convincing | ...Partially | | ...Convincing | |
| | PALS – Individual/Group Administer: 20-45 mins Paper-based | Alphabet Awareness, Letter Sound Knowledge, Spelling, Concept of Word, word Recognition in Isolation, and Oral passage Reading (1-3) | | | | ...Moderate High | ...Partially | ...Convincing | | ...Convincing | |

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| | | | Effectiveness | Improvement Index | Effectiveness | Generalizability | Reliability | Validity | Fidelity | End-of-year Benchmarks | Sensitive to Student Improvement | | |
| | | | Positive Potentially Positive No Discernible Potentially Negative Negative | Percentile | strong limited low | compare separate sampling groups | narrow moderate-low, high broad | consistent results within a sampling | convincing partially unconvincing | accuracy within a sampling | convincing partially unconvincing | convincing partially unconvincing | convincing partially unconvincing |

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|-----------|--|--|---------------|-------------------|---------------|------------------|---------------|-----------------|----------|------------------------|----------------------------------|
| | Predictive Reading Assessment –Individual Administer: 15 mins Online | Picture Vocabulary, Phonemic Awareness, Rapid Naming, and Letter-Word calling (K-4) | | | | ...Broad | ...Convincing | ...Convincing | | ...Convincing | |
| | Scholastic Phonic Inventory – Individual/Group Administer: 10 mins Paper-based | Basic Letter Recognition, Sight Word Knowledge, Decoding (3-12) | | | | ...Moderate High | ...Convincing | ...Partially | | ...Unconvincing | ...Unconvincing |
| | STAR Early Literacy – Individual/Group Administer: 10 mins Online | General Readiness, Graphophonemic Knowledge, Phonemic Awareness, Phonics, Comprehension, Structural Analysis, Vocabulary (K-3) | | | | ...Broad | ...Convincing | ...Partially | | ...Convincing | ...Convincing |
| | STAR Reading – Individual/Group Administer: 10 mins Online | Reading Achievement, Comprehension (1-12) | | | | ...Broad | ...Convincing | ...Convincing | | ...Convincing | ...Convincing |
| | STAR Math - Individual/Group Administer: 10 mins Online | Math Achievement (1-12) | | | | ...Broad | ...Convincing | ...Convincing | | ...Convincing | ...Convincing |
| | TRRP Reading Assessment – Individual Administer: 2-6 mins Paper-based | Phonological Awareness, Letter Sound Correspondence, Word Recognition Comprehension (K-3) | | | | ...Moderate Low | ...Partially | ...Unconvincing | | ...Convincing | ...Convincing |

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| Intervention | Academy of READING | | | | | Broad | | | Unconvincing | | |
|--------------|--|---|--|------------|-----------------------|-------|------------|------------|--------------|--------------|------------|
| | Accelerated Math Software (2-5) | Math Achievement..... | Potentially Positive | 7% | | | | | | | |
| | Accelerated Reader Software (1-4) | Comprehension..... Reading Fluency..... | Potentially Positive No Discernible | 7% | No Qualifying Studies | | | | | | |
| | Aerobics Software (K-3) | Alphabets..... Comprehension..... | Positive..... Potentially Positive | 19% 15% | | | | | | | |
| | AIMSweb (K-1) | Letter Naming Fluency..... Nonsense Words..... Phonemic Segmentation... | | | | | Convincing | Convincing | | Convincing | |
| | AIMSwebPlus Reading Software (K-1) | Letter Naming Fluency... | | | | | | | | Unconvincing | Convincing |
| | AIMSwebPlus Math Software | Number Naming (K)..... Number Sense Fluency (2). Math Facts (1)..... Comparison (1)..... Quantity Difference (K).... Quantity Difference (K).... | | | | | No Data | Convincing | | | |
| | Building Blocks for Math (PK) | Mathematics Achievement | Positive..... | 36% | | | | | | | |
| | Burst: Reading | | | | | Broad | | | Unconvincing | | |
| | ClassWide Peer Tutoring (CWPT) | Reading Achievement..... | Potentially Positive | 14% | | | | | | | |
| | Cooperative Integrated Reading and Composition Program (3-4) | Comprehension..... | Potentially Positive | 12% | | | | | | | |

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|---|---|--|------------|--|-----------------------|-------|------------|--------------|----------------------|--|--|
| DaisyQuest Software (PreK-1) | Alphabets..... | Positive..... | 23% | | | | | | | | |
| Destination Reading | | | | | Insufficient Evidence | | Convincing | Unconvincing | | | |
| Dialogic Reading Picture Book Reading Practice (PK) | Oral Language..... Phonological Processing.. | Positive..... No Discernible | 19% | | | | | | | | |
| Dream Box Learning Supplemental On-line Math Program (K-1) | Math Achievement..... | Potentially Positive | 4% | | | | | | | | |
| Early Intervention in Reading (EIR) Supplemental Program (1) | Alphabets..... Comprehension..... | Potentially Positive Potentially Positive | 36% 18% | | | | | | | | |
| Early Vocabulary Connections | Phonics/Word Study, Comprehension, Fluency, Vocabulary, Spelling | | | | | Broad | | | Partially Convincing | | |
| Enhanced Core Reading instruction | Phonological awareness, Phonics/word Study, Comprehension, Fluency, Vocabulary | | | | | Broad | | | Convincing | | |
| Enhanced Proactive Reading Supplant Program (1) | Reading Achievement..... | Potentially Positive | 18% | | | | | | | | |
| Failure Free Reading | Alphabets..... Fluency..... Comprehension..... | No Discernible No Discernible Potentially Positive | | | | Broad | | | Convincing | | |
| Fast ForWord Software (K-10) | Alphabets..... Comprehension..... | Potentially Positive Potentially Positive | 12% 9% | | Insufficient Evidence | Broad | | | Convincing | | |

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| | FAST early Math Software | Quantity (K)..... Number Sequence (K).... Decomposing (1)..... Numeral Identification (1).. | | | | | | | | Unconvincing |UnconvincingConvincingConvincingConvincing |
| | Fluency Formula Supplemental Curriculum (2) | Comprehension..... Reading Fluency..... | Potentially Negative Potentially Positive | -11% 10% | No Qualifying Studies | | | | | | |
| | focusMATH | Computation, Concepts, Word Problems, Fractions | | | | Broad | | Convincing | Convincing | | |
| | Fraction Face-Off! | Fractions, Decimals | | | | Broad | | Convincing | Convincing | | |
| | Hot Math Tutoring Program (3) | Word Problems | | | | | | | | | |
| | Headsprout | | | | Insufficient Evidence | Broad | | Unconvincing | | | |
| | iRead Digital Software (K-2) | Alphabet Knowledge, Phonological Awareness, Early Decoding Abilities, Spelling, Fluency, Word Recognition | | | | Broad | | Unconvincing | | | |
| | iReady Diagnostic Math Software (1-8) | Mathematics | | | | Broad | Convincing | Convincing | Convincingt | Convincing | No data |
| | Ladders to Literacy Supplemental Curriculum (PreK-K) | Alphabets..... Comprehension..... Reading Fluency..... | Potentially Positive Potentially Positive Potentially Positive | 20% 17% 26% | | | | | | | |
| | Lexia Reading Software (K-1) | Alphabets..... Comprehension..... Reading Achievement..... | Potentially Positive Potentially Positive No Discernable | 11% 11% | | Broad | | | Unconvincing | | |
| | mClass Program | Computation (2-3) Concepts (2-3) Missing Number (K-3) | | | | Broad | Convincing | Convincing | | Convincing | Convincing |

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| | Number Facts (1-3) Number Identification (K) Oral Counting (K-1) Quantity Discrimination | | | | | | | | | |
| M BSP: Monitoring Basic Skills Process (1-6) | Computation Concepts & Applications | | | | Broad | Convincing | Convincing | Convincing | Convincing | Convincing |
| Lindamood Phoneme Sequencing Program | Alphabets..... Comprehension..... | Potentially Positive Potentially Positive | -13-24% 21% | | | | | | | |
| Math Recovery Program (K-5) | Computation, Concepts, Word Problems, Algebra | | | | Broad | Partially | Convincing | Convincing | | |
| Number Rockets Program (1) | Computation, Concepts, Word Problems | | | | Broad | Convincing | Convincing | Convincing | | |
| Open Court Supplemental Reading Program (1-3) | Comprehension..... Reading Achievement..... | Potentially Positive Potentially Positive | 10% 12% | | | | | | | |
| Pirate Math Program (3) | Computation, Concepts, Word Problems, Algebra | | | | Broad | Convincing | Convincing | Convincing | | |
| Plato Focus | | | | Insufficient Evidence | | | | | | |
| Project Read Phonology Program (K-5) | Alphabets..... Comprehension..... Reading Achievement..... | No Discernable No Discernable No Discernable | | | | | | | | |
| QuickReads (2-6) | Fluency, Comprehension, Vocabulary | | | | Broad | | | Convincing | | |

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| Orton-Gillingham Alphabet Phonics S.P.I.R.E. | | | No Data | | | No Data | No Data | No Data | No Data | | |
| Read 180 Reading Program (4-10) | Alphabets..... Comprehension..... Literacy Achievement..... Fluency..... | No Discernible Positive..... Positive..... Potentially Positive | 6% 4% 4% | | | | | | | | |
| Read Naturally Supplemental Reading Program (2-6) | Alphabets..... Comprehension..... Literacy Achievement..... Fluency..... | No Discernible Potentially Negative Potentially Positive Potentially Positive | 9% 14% | | | | | | | | |
| Read, Write, Type Software (1-3) | Alphabets..... Comprehension..... | Potentially Positive No Discernible | 8% | No Qualifying Studies | | | | | | | |
| Reading Machine | | | | Insufficient Evidence | | | | | | | |
| Reading Mastery Intervention Program | Alphabets..... Comprehension..... | No Discernible No Discernible | | | | | | | | | |
| Reading Recovery Tutoring (1) | Alphabets..... Comprehension..... Reading Achievement..... Reading Fluency..... | Positive..... Potentially Positive Positive..... Potentially Positive | 21% 14% 27% 46% | | | | | | | | |
| ROOTS Program (K) | Computations, Concepts | | | | | Broad | Partially | Convincing | Convincing | | |

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|---------------------|---|---|--|-------------------|---------|------------|------------|------------|----------------------|------------|------------|
| Intervention | Scholastic Phonics Readers with Literacy Place | Phonics..... | | | Limited | | | | | | |
| | Scholastic Math Software (2-8) | Math Achievement | | | | No data | No data | No data | No Data | Convincing | Convincing |
| | SMART Tutoring Program (1-2) | Alphabets..... Comprehension..... Reading Fluency..... | Potentially Positive Potentially Positive Potentially Positive | 16% 13% 18% | | | | | | | |
| | Sound Partners (K) | Letter-sound Correspondences, Syllable and Phoneme Segmenting, Decoding, Spelling, Irregular Word, Phoneme Blending, Alphabet Naming Practice, Assisted Oral Reading Practice | | | | Convincing | Convincing | Convincing | Partially Convincing | | |
| | Sound Partners Phonics-based Tutoring Program (K-1) | Alphabets..... Comprehension..... Literacy Achievement..... Fluency..... | Positive..... Potentially Positive No Discernible Positive..... | 21% 21% 19% | | | | | | | |
| | Spaulding Education (Arizona State University Researchers) Compares to DIBLES | Phonemic Awareness, Phonics, Vocabulary, Word Parts, Grammar, Composition, Text Structure, Fluency, Comprehension | | | | | | | | | |
| | Spelling Mastery (2-4) | Writing Achievement..... | Potentially Positive | 30% | | | | | | | |
| | SMILE: Structured Methods in Language Education | | | | | | | | | | |

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Evidenced-based Screeners and Interventions

| Tool Purpose | Name of Screener Intervention | Target Areas | What Works Clearinghouse (IES-WWC) | | Best Evidence Encyclopedia <i>bestevidence.org</i> | American Institute of Research (CRI-AIR, NCII-AIR) <i>rti4success.org, intensiveintervention.org</i> | | | | | | | |
|--------------|-------------------------------|--------------|---|----------------------|--|--|-------------------|---------------|--------------------------|---------------------------------------|---|--|---|
| | | | https://ies.ed.gov/ncee/wwc Positive Potentially Positive | | | Effectiveness | Improvement Index | Effectiveness | Generalizability | Reliability | Validity | Fidelity | End-of-year Benchmarks |
| | | | Positive | Potentially Positive | No Discernible | Potentially Negative | Negative | Percentile | strong limited low | narrow moderate-low, high broad | convincing partially unconvincing | convincing accuracy within a sampling convincing partially unconvincing | convincing partially unconvincing |

| Intervention | Name of Intervention | Target Areas | What Works Clearinghouse (IES-WWC) | Improvement Index | Best Evidence Encyclopedia | Generalizability | Reliability | Validity | Fidelity | End-of-year Benchmarks | Sensitive to Student Improvement |
|--------------|---|--|--|-------------------|----------------------------|------------------|-------------|------------|----------------------|------------------------|----------------------------------|
| | SSRD Program (2-12) | Sentence Construction, Planning and Revising, and Genre Element Knowledge | | | | | | | | | |
| | Stepping Stones to Literacy (K) | Listening, Conventions, Phonological Awareness, Phonemic Awareness, Serial processing | | | | Moderate High | Convincing | Convincing | Partially Convincing | | |
| | Stepping Stones to Literacy Supplemental Curriculum (K) | Alphabets..... | Positive..... | 30% | | | | | | | |
| | Structured Supplemental Spelling Instruction | Spelling, Writing | | | | Broad | Partially | Convincing | Convincing | | |
| | System 44 Next Generation (3-12) | Phonics, Comprehension, Vocabulary, Spelling | | | | Broad | | | Unconvincing | | |
| | The Literacy Center | | | | Insufficient Evidence | | | | | | |
| | Waterford Early Reading Program Software (K) | Alphabets..... Comprehension..... | Potentially Positive No Discernible | 19% | | | | | | | |
| | Wilson Reading System Supplement Program (3) | Alphabets..... | Potentially Positive | 13% | | | | | | | |
| | Words Their Way (1-4) | Phonological Awareness, Phonics, Word recognition, Vocabulary, Vowel Patterns, Syllable Structures, Spelling | | | | Convincing | Convincing | Convincing | Convincing | | |
| | Writing to Read | | | | Insufficient Evidence | | | | | | |

This is not an exhaustive list.