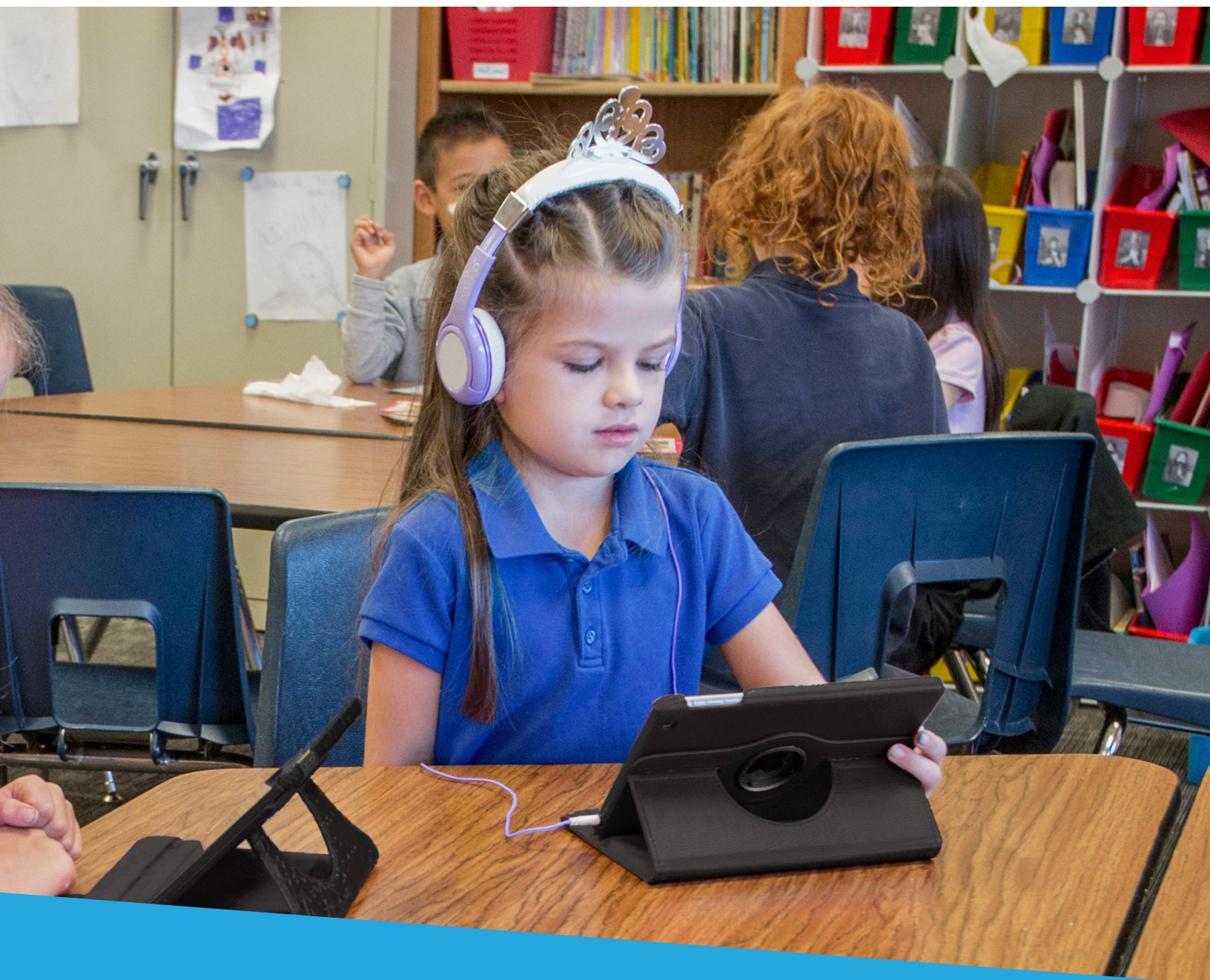




A Reading Assistant for Every Teacher

Oral Reading Fluency Assessment | Dyslexia Screener | 1:1 Practice



Support Emergent Readers, from Anywhere

What if there was a way to give all teachers a reading assistant to help address the skills diversity of emergent readers?

Amira Learning™ is the culmination of 20+ years of reading research and applied reading science from leading universities and researchers from Carnegie Mellon University, Johns Hopkins University, and University of Texas Health Sciences. Gold Standard evidence supporting *Amira's* effectiveness includes more than 100 published research papers.

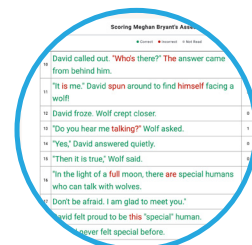
How Amira Assessment Works



The student reads a passage



Amira listens, records, and scores the assessment



Running Records

Amira delivers insights within 7-9 minutes



Students at Risk for Dyslexia

Powered by artificial intelligence (AI), *Amira* is the reliable classroom assistant that assesses oral reading fluency (ORF), screens for dyslexia risk, and provides reading practice. Developed in conjunction with leading psychometricians, neuroscientists, reading scientists, and AI researchers, *Amira* generates actionable instructional recommendations with every interaction, maximizing the time teachers spend with students.

Meet Amira



Based upon over two decades of research and powered by artificial intelligence, *Amira Learning*...

- Assesses oral reading fluency
- Screens for dyslexia risk
- Automatically generates a running record from each assessment
- Provides individualized 1:1 AI avatar-assisted reading practice and coaching for every learner

The screenshot shows the 'Scoring Pablo Rodriguez's Assessment' interface. It includes a 'Story' tab, a 'Running Record' tab, and a 'Scoring' section with a WCPM score of 67. A paragraph of text about sharks is displayed with words like 'hunting', 'oceans', 'sizes', 'senses', 'water', and 'nearby' highlighted. A small video of the Amira avatar is on the right, with a 'Start Amira' button below it.

Amira automatically builds running records, saving teachers time and eliminating hours of administrative tasks. The result? Teachers re-claim up to three weeks of time each year to do more of what they do best: teach!

Sample of an *Amira* Assessment

The screenshot shows the 'Automated Running Record' interface. It includes a 'Story' tab, a 'Running Record' tab, and a 'Scoring Assessment from 2/22/2019' section with a WCPM score of 144. A table displays reading data for five pages, with columns for 'PAGE', 'E', 'S-C', 'SKIP', and 'M-P'. The text on the pages is highlighted in green for correct and red for incorrect.

PAGE	E	S-C	SKIP	M-P
0 King was a very big dog.	0	0	0	0
1 He was so big that Mom wanted me to stay away from him.	2	0	0	0
2 He lived two houses down the street from us.	3	0	0	0
3 He had a great big dog house.	0	0	0	0
4 There was a six foot high steel fence	2	0	0	0

Automated Running Record

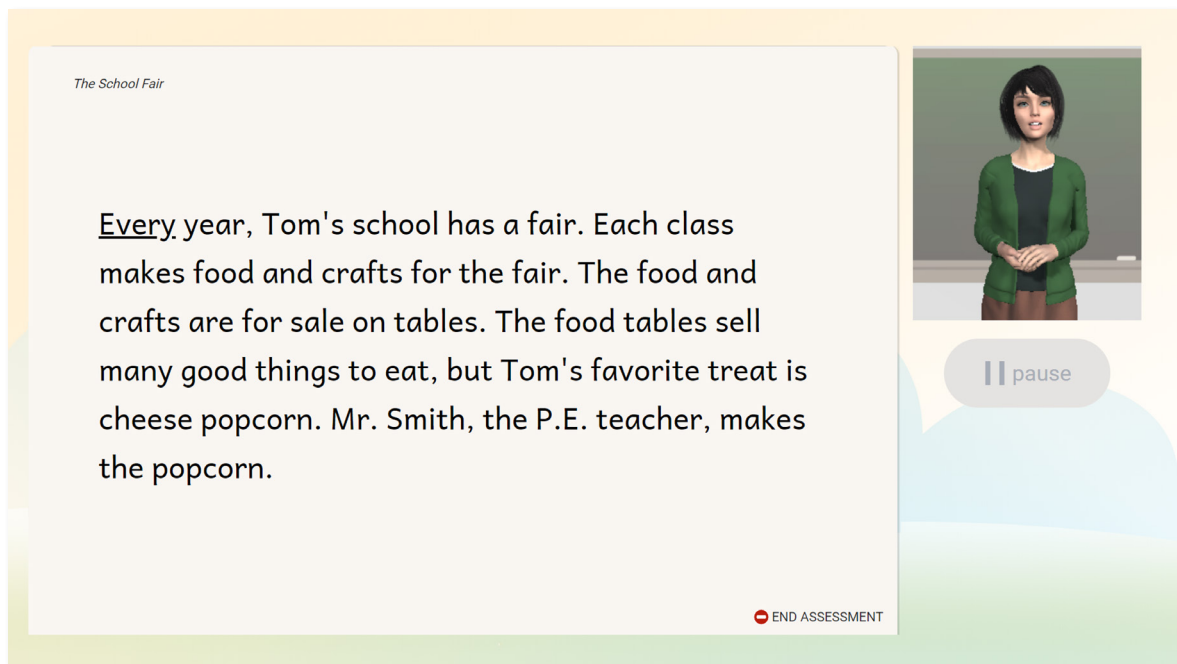
Gain Early Insights

Amira Learning provides the first assessment that offers teachers two universal screeners in one place: a dyslexia risk screener and an oral reading fluency assessment.

The oral reading fluency assessment:

- Listens to a reader, carefully and accurately noting any errors
- Assesses a student's reading ability
- Automatically generates a running record
- Aids in building a complete reader profile with its robust data
- Provides teachers with actionable insights within one click

The data from *Amira's* assessment will provide teachers with the insights they need to help inform instruction and grouping decisions, including the need for 1:1 practice.



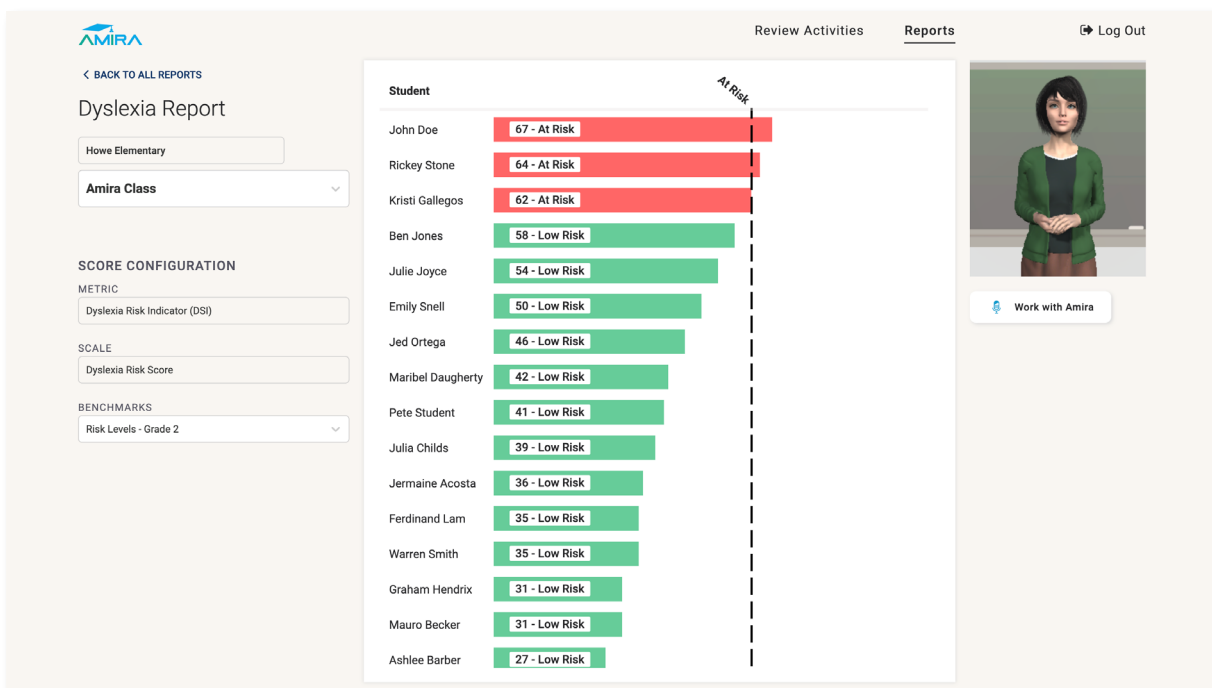
Amira Assessment student experience

Enable Early Intervention

Amira's dyslexia screener serves as a valuable risk indicator, and the output is a simple score indicating whether or not a child is considered to be at risk for dyslexia.

The Dyslexia Screener:

- Provides early identification of students at risk for dyslexia, enabling early intervention
- Utilizes Rapid Automatized Naming or RAN, one of multiple techniques found to be a reliable indicator of brain function associated with dyslexia
- Provides fully automated screening in under 7–9 minutes, freeing the teacher from administration and scoring duties
- Listens to students read directly, instead of employing a proxy for reading like other assessments



Sample of the dyslexia screening report

Amira Maximizes *Into Reading* Instructional Time

HMH Into Reading® is rooted in authentic literature to meet the needs of your unique classroom.

- A flexible instructional model honors your teaching preferences while meeting the needs of all students in the classroom. *Amira*'s assessment and practice insights support *HMH Into Reading* instruction with skills-based, actionable data.
- Extensive writing support helps young writers to hone their craft. This support is bolstered by *Amira*'s metrics for oral reading fluency, reading mastery, sight recognition, phonological awareness, and vocabulary insights.

The screenshot displays the HMH Into Reading Grade K interface. At the top, there is a dropdown menu labeled 'Select a program' with 'HMH Into Reading Grade K' selected. To the right, there is a button for 'At-Home Learning Support' and a 'View by' section with 'CONTENT' and 'STANDARDS' tabs, along with a search icon. Below this is a 'Modules' section with five cards, each featuring a photo of children and a title: 'Module 1: Curious About Kindergarten', 'Module 2: There's Only One Me!', 'Module 3: My Community Heroes', 'Module 4: Happy Healthy Me', and 'Module 5: I Can Do It!'. Below the modules is a 'Related Products' section with seven cards: 'Growth Measure READING' (with a 'View' button), 'Waggle' (with an 'Open' button), 'Amira' (with an 'Open' button), 'iRead®' (with an 'Open' button), 'Writable®' (with an 'Open' button), 'Unit Writing Tasks' (with an 'Open' button), and 'Module Writing Tasks' (with an 'Open' button). A yellow line connects the 'Amira' card in the 'Related Products' section to the text below.

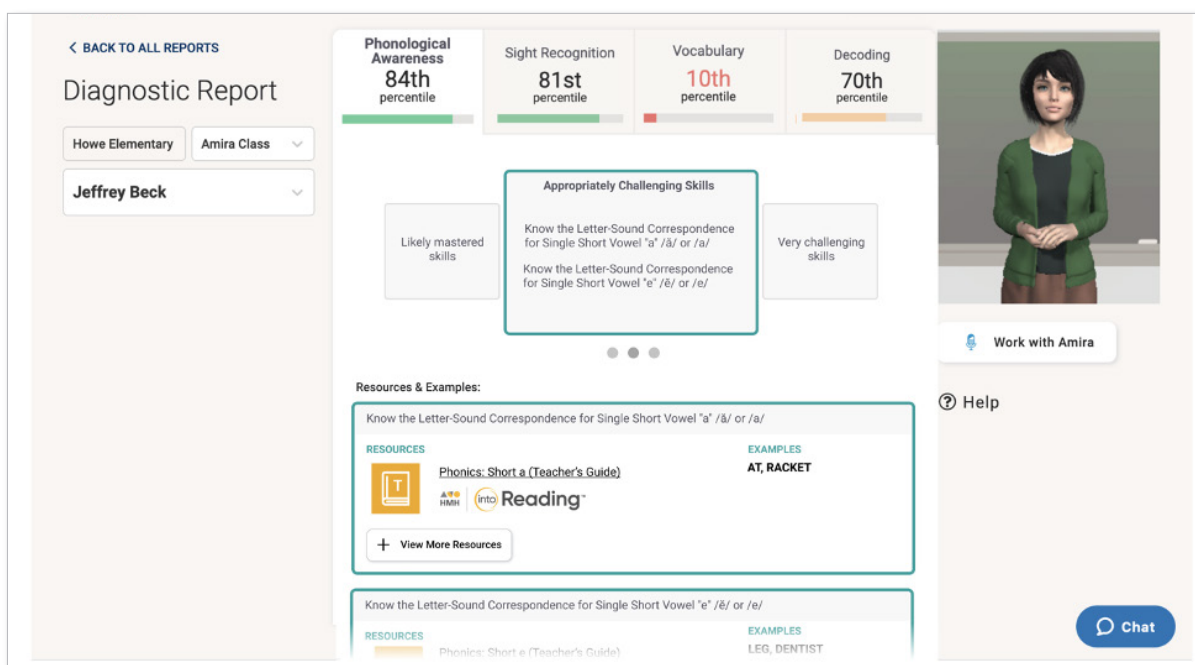
With only one log-in and password for all HMH programs, launching *Amira* via *Ed: Your Friend in Learning*®, the HMH learning platform, is simple! *Ed*'s connected experience supports both in-person and online learning.

Connect Assessment with Instruction

Amira's assessment is connected with *Into Reading* skills and resources. Whenever a student is assessed with *Amira*, the Diagnostic Report will show the skills within a student's Zone of Proximal Development and provide a set of recommended *Into Reading* resources to instruct on those skills.

The Diagnostic Report:

- Offers detailed information about individual student skills
- Provides teachers with a list of concepts or skills that are "Likely Mastered," "Appropriately Challenging," and "Very Challenging"
- Utilizes color-coded percentiles that are displayed to alert teachers to any areas in which a student may benefit from additional assistance



Use *Amira* to guide *HMH Into Reading* Instruction

1. Assessment

The teacher assigns *Amira*'s ORF assessment/dyslexia risk screener.

2. Teacher Instruction

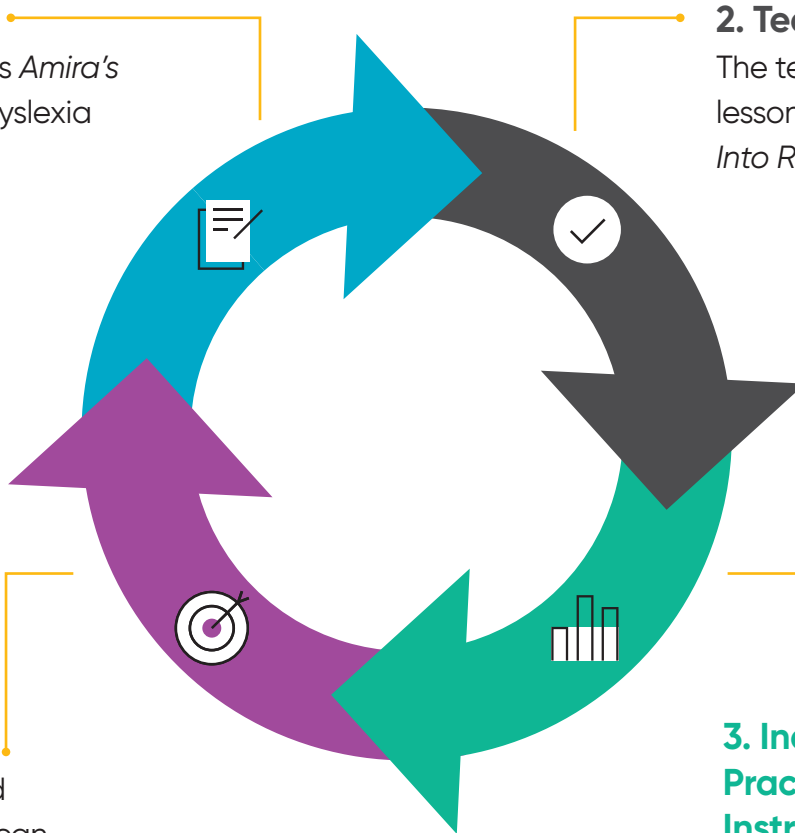
The teacher leads a lesson from *HMH Into Reading*.

3. Individualized Practice and Instruction

Amira provides 1:1 reading coaching based on assessment results.

4. Data Insights

Amira's insights and *Into Reading* data can be used to differentiate instruction.



Build and Reinforce Foundational Skills with *Amira Practice*



Amira Assessment data directly places students into relevant, individual reading practice—maximizing small-group and independent practice time.

HMH Into Reading's program structure provides 60 minutes of small-group instruction time each week. Maximize that time with *Amira's* data and 1:1 practice.

***Amira Practice* is the solution for 1:1 reading practice and is perfect for students who:**

- Would benefit from individualized reading coaching
- Require reading support that is difficult to provide in a whole-class lesson

***Amira Practice* is perfect for teachers who:**

- Would benefit from a classroom reading assistant to support individual students
- Wish that their students' reading practice was more easily tracked

Proactive Support For Every Student

With over 25 micro-interventions, *Amira* provides research-driven tutoring at precisely the right moment.

Each micro-intervention is a “scaffold” that supports the early reader in mastering foundational reading skills. *Amira*’s micro-interventions are designed to achieve two goals:

- Help the student “get through” the reading material at hand
- Tutor the student to build his or her skills

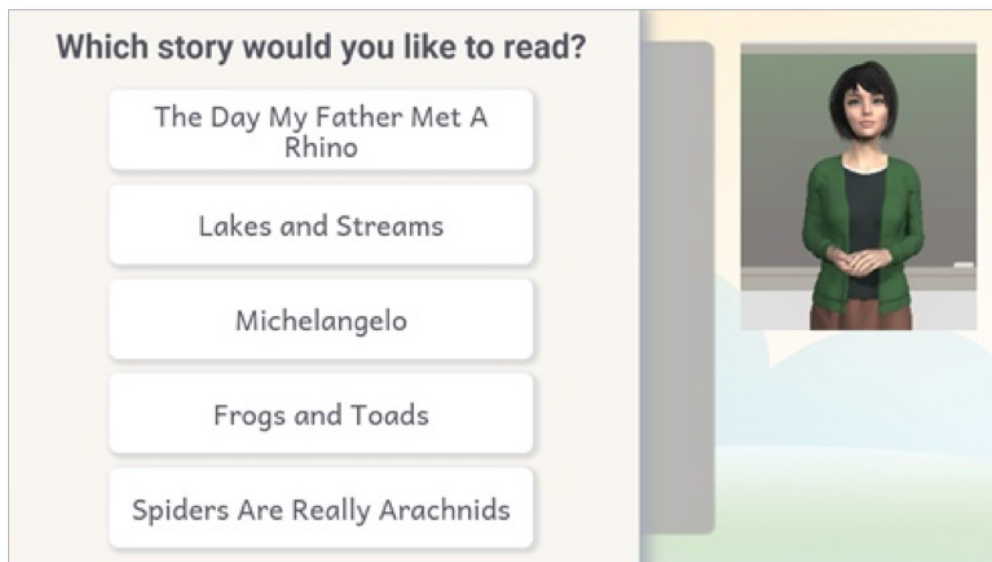
Micro-Interventions

Fast Sound Out (Word)	Phonemic Sound Out (Word)	Phonemic Sound Out (Sentence)	Rhyming Word (Word)	Rhyming Word (Sentence)
Gives the Word with Graphemes Displayed	Give the Word (no prompt)	Give the Word (prompt)	Elkonin Box: Light	Elkonin Box: Student Graphemes
Elkonin Box: Blending	Cognates at Word Level	Cognates at Sentence Level	Lip Sync Word Level	Lip Sync Sentence Level
Lip Sync Phonemes Sentence Level	Clap Out	Down-Leveling	Spell Out	Flash Cards
Cloze Questions (End of Story)	Cloze Questions (End of Page)	Open-Ended Questions	Slow Down	Repeat Sentence - No Readback
Repeat Sentence Readback	Repeat Sentence Error Focus	Speak Up	Morphological Correction	Provide the Definition (Word)
Provide the Definition (Sentence)	Vocabulary Clap Out	Cognates/ Vocabulary at Sentence Level	1st Language Definition	Fun Fact

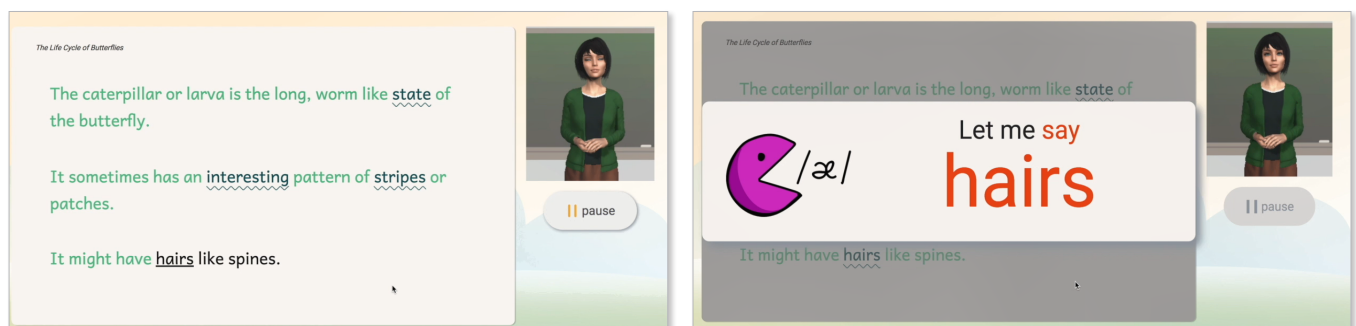
A Reading Tutor for Every Student

Amira Practice provides students with the individual attention they crave, delivered through a patient AI avatar that reduces instructional stress.

Amira makes individual tutoring scalable, maximizing the number of students who can receive personal attention. The AI avatar, *Amira*, is highly trained, employing more than 25 different micro-interventions backed by reading science.



Amira stands out as the first personalized reading tool that's able to listen to students read aloud and provide immediate feedback.



The automated ongoing data collection and reporting offered by *Amira* saves time and provides a rich array of insights for every learner, helping teachers make better instructional decisions.

Accelerate Growth for EL Students

Amira delivers assessments that are reliable, accurate, and unbiased for **ALL** students. The software has been “trained” with tens of thousands of Spanish speakers, as well as other students for whom English is not their first language.

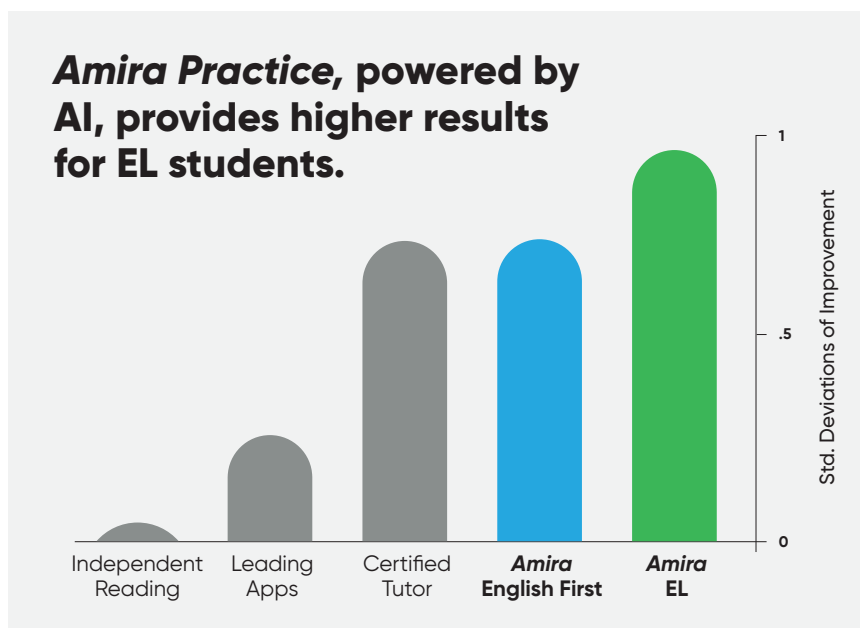
As a result: *Amira* is adept at listening to and recognizing various accents and dialects. Assessment items used in *Amira* have undergone rigorous psychometric evaluation and have demonstrated no bias. The software’s consistent approach to scoring eliminates variation in judgement about what is “dialect” and what is mispronunciation.

Amira’s analytics help teachers identify the particular blockers that are impeding each student’s progress, and *Amira Practice* targets those areas. *Amira* can administer screening in Spanish to ensure that students aren’t disadvantaged by the test process. Screening for dyslexia distinguishes students with deep learning issues from those who simply need more help with English.



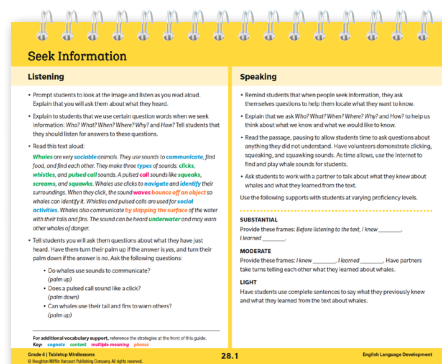
Increase Language Proficiency

Amira makes an enormous difference in an English learner student's ability to acquire reading mastery. Research conducted by leading universities across the country has found that, for students who speak only English, working with *Amira Practice* 45 minutes a week accelerated growth as much as giving each student his or her own certified human tutor.



Throughout *HMH Into Reading*, embedded supports facilitate students' effective expression at each level of English language proficiency and across instructional contexts.

English learners engage in small groups to practice and apply language functions across the four domains—listening, speaking, reading, writing—and collaborative problem solving.



Effectively Implement *HMH Into Reading* and *Amira*



Your implementation begins with **Getting Started with *HMH Into Reading***, which will orient you to the resources from both a teacher and a student perspective. In addition, a comprehensive *HMH Into Reading* Professional Learning Guide provides support throughout the implementation.

During the ***Amira Getting Started*** course, participants will learn the driving philosophy behind *Amira* with the goal of building a deeper understanding of the program to begin implementing ***Amira Assessments*** and Dyslexia Screener.



Deepen Your Learning and Support Striving Readers and Students with Dyslexia

Literacy Solutions® can help you deepen your knowledge around several instructional topics to accelerate your implementation. You can choose from the 90-minute topics below to create a personalized in-person and/or online follow-up experience:

- Making Literacy Accessible to All with Differentiation and Small-Group Instruction
- Planning Instruction to Meet Students' Needs
- Maximizing Learning with Digital Resources
- Supporting English Learners in Reading, Writing, Speaking, and Listening
- Cultivating Student Voice, Choice, and Action Through Writing
- Leveraging Data and Reporting to Accelerate Growth

Additionally, we offer a full-day course entitled **Cracking the Code: Strategies to Support Striving Learners and Students with Dyslexia**. In this course, participants will explore foundational reading essentials and proven methodologies to inform instructional practices to support students with dyslexia as well as their entire class. The data from *Amira's* assessment will provide teachers with the insights they need to help inform instruction and grouping decisions, including the need for 1:1 practice.

Accelerate your implementation success with personalized professional learning & coaching!

Literacy Solutions® from HMH® is our newest division dedicated to supporting teachers with personalized professional learning and coaching that helps you implement your literacy programs successfully.

We can help you ramp up quickly with *HMH Into Reading* and *Amira* to deepen your expertise around:

- Effective implementation of both programs
- Strategies to differentiate and support striving readers and students with dyslexia
- Teaching foundational literacy based on the science of reading

Our customizable and flexible professional learning solutions will help you and your teachers foster the voice of tomorrow.



Sustain your practice with



Coaching Studio

Literacy Solutions job-embedded coaching for individuals and teams pulls all the coursework and learning together by encouraging innovation and instructional improvement while providing tools for your teachers and coaches to transform theory into practical classroom practice. Offered in person, online, and in blended formats, our coaching helps your teachers:

- Improve their implementation of *HMH Into Reading* and *Amira*
- Practice strategies around differentiation and supporting striving readers with dyslexia
- Teach foundational literacy skills based on the science of reading which will lead to a successful application of learned skills

By enacting our research-based coaching model, teachers work side by side with a **Literacy Solutions** consultant as they engage together in coaching practices such as: setting goals; collaborative planning; modeling, observing, and co-teaching lessons and analyzing student data and work. These practices drive the coaching cycle and ensure that the coaching work is partner-based, student-centered, and goal-driven. The use of these practices helps us deliver on our promise of:

- Improved quality of instruction
- Improved student outcomes
- Increased teacher engagement
- Increased student engagement

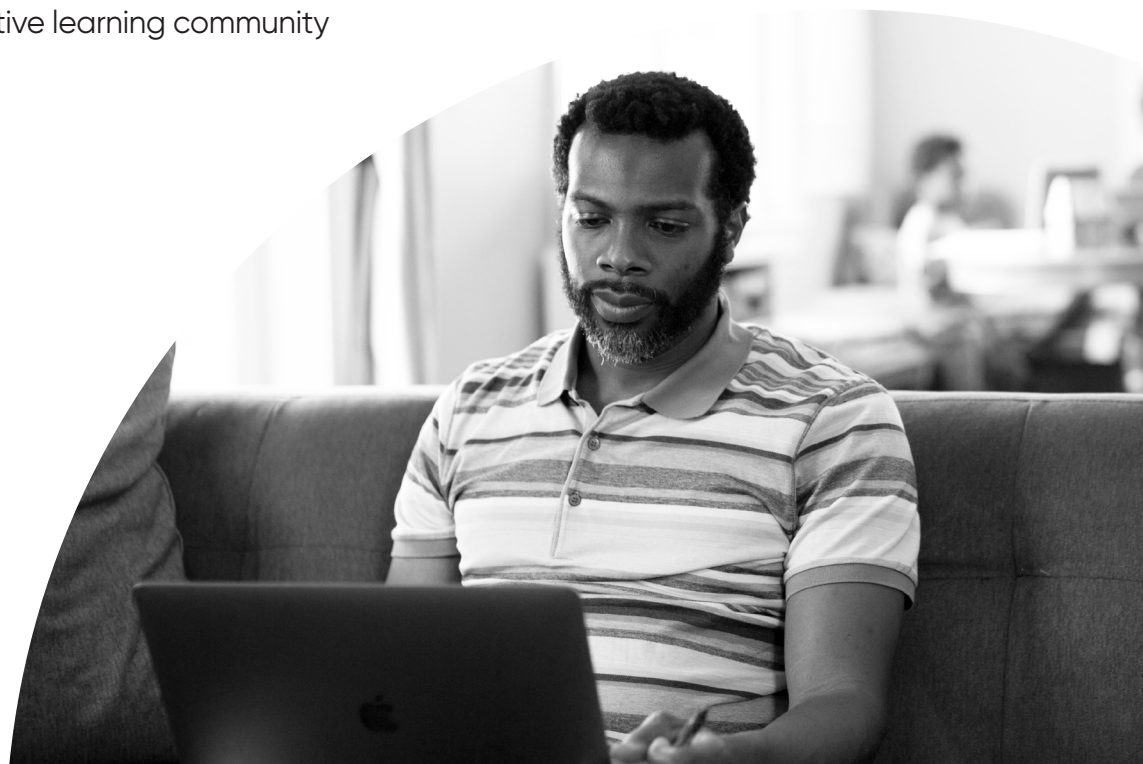
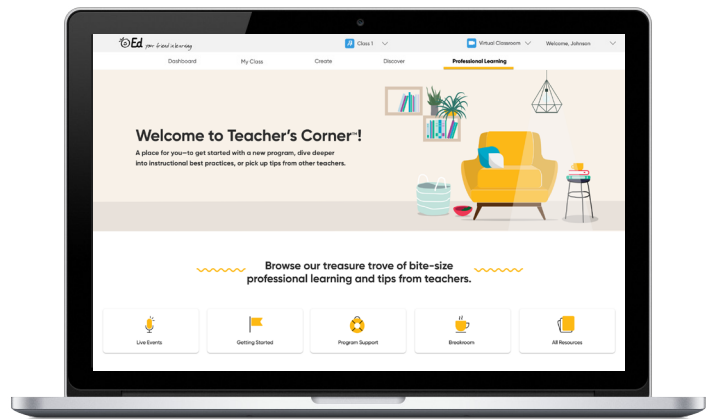
Experience Ongoing Support with



A treasure trove of bite-size professional learning resources—all on *Ed*, the HMH learning platform.

Teacher's Corner™ provides a digital-first learning experience that gives you the support needed to successfully implement *HMH Into Reading* and *Amira*. Here's what you can expect:

- Curated, trusted content from prominent thought leaders, experienced coaches, and practicing and former teachers
- In-depth, program-specific teaching support and professional learning tools that include model lesson videos, teacher tips, interactive support, and more
- Podcasts, articles, videos, quizzes, and more that give you relevant and applicable insights
- A diverse and supportive learning community



Additional Practice-Based Literacy Courses on the Science of Reading

As a final option in providing professional learning expertise to your teachers, **Literacy Solutions** offers additional coursework based on the science of reading in evidence-based, high-impact practices and strategies including social-emotional engagement to foster social-emotional learning and structured engagement to foster excellence in the classroom.

Our **Building the Reading Brain** offerings include full-day, in-person courses on the following topics:

- **Teaching Foundational Skills:** *Evidence-Based Practices and Routines for Explicit and Systematic Instruction*
- **Talking About Text:** *Evidence-Based Practices and Strategies to Build Oral Language, Vocabulary, and Knowledge*
- **Making Meaning:** *Evidence-Based Strategies and Practices That Develop Comprehension and Foster Deep Thinking*

To learn more about how **Literacy Solutions** can support your *HMH Into Reading* and *Amira* implementation, and how we can work with you to create a custom plan to raise literacy achievement in your school or district, please talk to your HMH representative or visit:

hmhliteracysolutions.com

Give Every Student a Roadmap to Success

- 1** *Amira* is the result of collective research in psychometrics, reading science, artificial intelligence, and speech recognition.
- 2** Evidence supporting *Amira's* efficacy includes more than 100 published research papers and is considered Gold Standard.
- 3** In under 10 minutes, *Amira* assesses oral reading fluency and screens every student for their risk of dyslexia, saving assessment time and giving teachers more time for instruction.
- 4** *Amira* delivers the right kind of intervention at the right moment, so students become proficient readers.
- 5** *Amira* automatically generates running records and provides the insights to inform instruction.
- 6** *Amira* delivers 1:1 tutoring and practice to provide each student with a personalized and comfortable experience.



Effective Solutions and Services That Connect Assessment, Practice and Instruction

Experience Connected Teaching and Learning



To learn more, visit hmhco.com/amira

Amira Learning™ is a trademark of Amira Learning, Inc. HMH Into Reading®, Literacy Solutions®, iRead®, Ed: Your Friend in Learning®, HMH Literacy Solutions™ and its logo, Houghton Mifflin Harcourt®, HMH®, and The Learning Company™ are trademarks or registered trademarks of Houghton Mifflin Harcourt. © Houghton Mifflin Harcourt. All rights reserved. 08/20 WF1220546



Houghton Mifflin Harcourt.
The Learning Company™

hmhco.com