

SY26-27 Magpie K-2 ROAR Assessments



Magpie
Literacy

ROAR™: Rapid Online Assessment of Reading

Magpie has integrated [Stanford University's Rapid Online Assessment of Reading](#) into our platform as benchmark screener assessments:

- Completely digital, requiring no adult administration
- Quick to complete (<1 hour)
- Assessment results fed directly to educator dashboards
- A streamlined, accurate, and actionable experience for students and teachers
- Externally validated against gold standard assessments (e.g., Woodcock Johnson)



Magpie K-2 ROAR Assessments

ROAR™ Letter

Kindergarten
1st Grade

Tests:

Letter names (upper
& lowercase)

Letter sounds (upper
& lowercase)

ROAR™ Phoneme

Kindergarten
1st Grade
2nd Grade

Tests:

First sound matching

Last sound matching

Sound deletion

ROAR™ Word

1st Grade
2nd Grade

Tests:

Automatic word
recognition (real word
vs nonsense word).

ROAR™ Sentence

2nd Grade

Tests:

Sentence-level
comprehension
(true or false).

Timed.

ROAR™: Quick History

The Rapid Online Assessment of Reading emerged from more than a decade of research in Stanford's Brain Development & Education Lab into the neurobiology of reading in general, and dyslexia in particular.

Identifying difficulties consistent with dyslexia requires measuring key foundational reading skills, which is why these skills are included in the ROAR™ Foundational Reading Skills Suite.



ROAR™: Quick History

Stanford's first reading skills tests - Phoneme, Word, and Sentence - were designed to be quick, easy to administer **screening** tests that can indicate whether or not a student is struggling with that skill.

As part of their partnership with Magpie, Stanford ROAR™ added the Letter assessment to their growing suite of reading tests. **Unlike the first three tests that Stanford developed, Letter is a comprehensive inventory.**



The Rapid Online Assessment of Reading



Stanford
University



Magpie
Literacy

ROAR™ Tests: What's the Difference?

Screening Test: *Who Needs Additional Support Right Now?*

Diagnostic Test: *What Specific Supports Are Needed?*

	Screeners	Diagnostic
Measure skills at particular time point	●	●
Measure change in skill over time	●	●
Indicate whether student's skill level is comparable to other, similar students in a national sample	●	●
Indicate broadly within a domain where additional instructional support is needed for a student or in a classroom, school, or district	●	●
Indicate which specific aspects of a skill should be instructionally supported	✗	●

Magpie ROAR™ Assessments

ROAR™ Letter

Comprehensive
inventory
(Diagnostic)

Tells Us:

Does student know the English names of each letter (capital and lowercase) and the primary sound associated with each letter?

ROAR™ Phoneme

Screeners

Tells Us:

Can student isolate and manipulate individual sounds in words?

ROAR™ Word

Screeners

Tells Us:

Is student able to decode words and discriminate between real words and nonsense words?

ROAR™ Sentence

Screeners

Tells Us:

Is student able to read and comprehend simple sentences to determine if the sentence is true or false?

ROAR Administrations in Magpie Platform

Grade-specific ROAR assessments will be administered to students in three windows:

Start of Year	Mid-Year	End of Year
First days in Magpie	Start Date: November 16, 2026 <i>(or district choice)</i>	Start Date: May 3, 2027 <i>(or district choice)</i>

The Magpie platform will automatically load ROAR assessments for students in designated windows.

ROAR Administrations in Magpie Platform

Grade	Start of Year	Estimated Timing
Kindergarten	ROAR-Phoneme ROAR-Letter	~30 min ~20 min
Grade 1	ROAR-Phoneme ROAR-Letter ROAR-Word	~30 min ~20 min ~20 min
Grade 2	ROAR-Phoneme ROAR-Word ROAR-Sentence	~30 min ~20 min ~20 min

Magpie recommends one assessment per session/day. Students must start and complete individual assessments in the same session. Some students may finish more quickly or take longer.

ROAR™ Letter (K & 1st)

Letter names and sound-letter correspondence

Assesses letter names and sounds

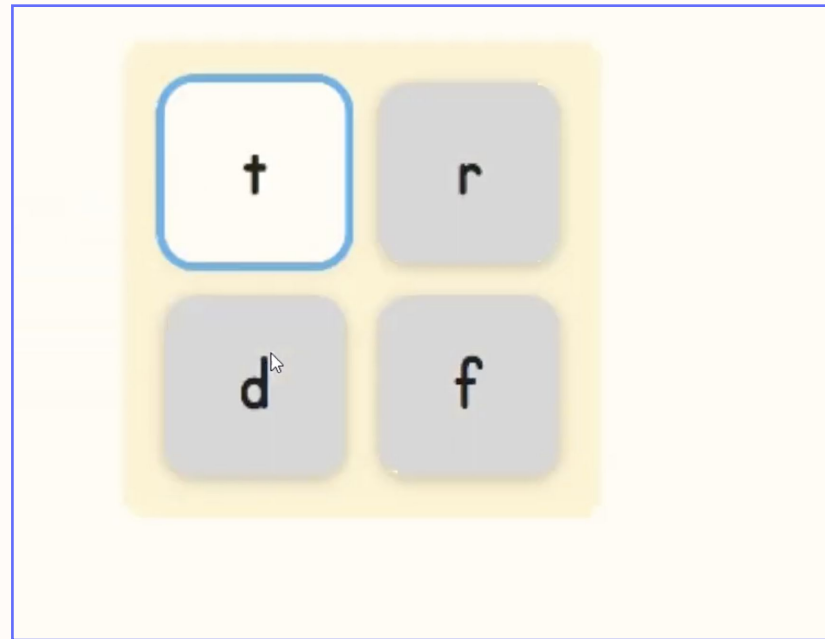
(uppercase & lowercase)

*“Listen to the names of letters
and press them.”*

“Choose the letters you hear.”

“T”

*“Which letter or letters spells
/t/?”*



ROAR™ Phoneme (K, 1st, and 2nd)

sounds of spoken words

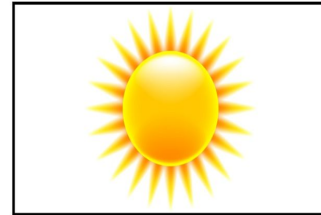
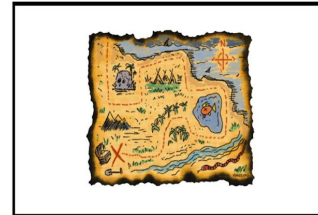
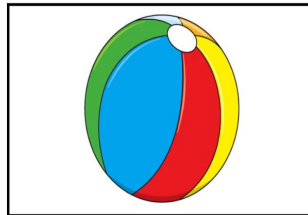
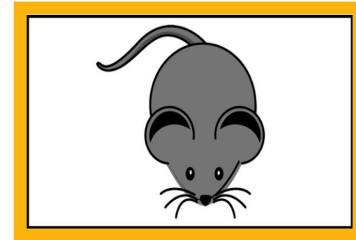
Assesses skills related to phonological awareness:

1. First sound matching
2. Last sound matching
3. Deletion

"This is a mouse."

"Which picture starts with
the same sound as mouse?"

"ball, map, sun"



ROAR™ Single-Word Recognition (1st & 2nd)

Automaticity

A real or made-up word will flash very quickly at the center of the screen

The made-up words might look like English words, but they do not mean anything in English. For example, laid, bevel or cigaret are made-up words. If you see a made-up word press the LEFT ARROW KEY

The real words will be the ones you recognize. They are real English words like is, and, basket, or, lion. If you see a real word, press the RIGHT ARROW KEY



ROAR™ Single-Word Recognition (1st & 2nd)

Automaticity

laip



basket



ROAR™ Sentence-Reading Efficiency (2nd)

ROAR™-SRE assesses silent reading fluency and comprehension of individual sentences.



"You can read stories at school." is a true sentence.

TRUE

You can read stories at school.

ROAR™ Sentence-Reading Efficiency (2nd)

ROAR™-SRE assesses silent reading fluency and comprehension of individual sentences.



Press the right arrow key to continue.

TRUE

You can read stories at school.

