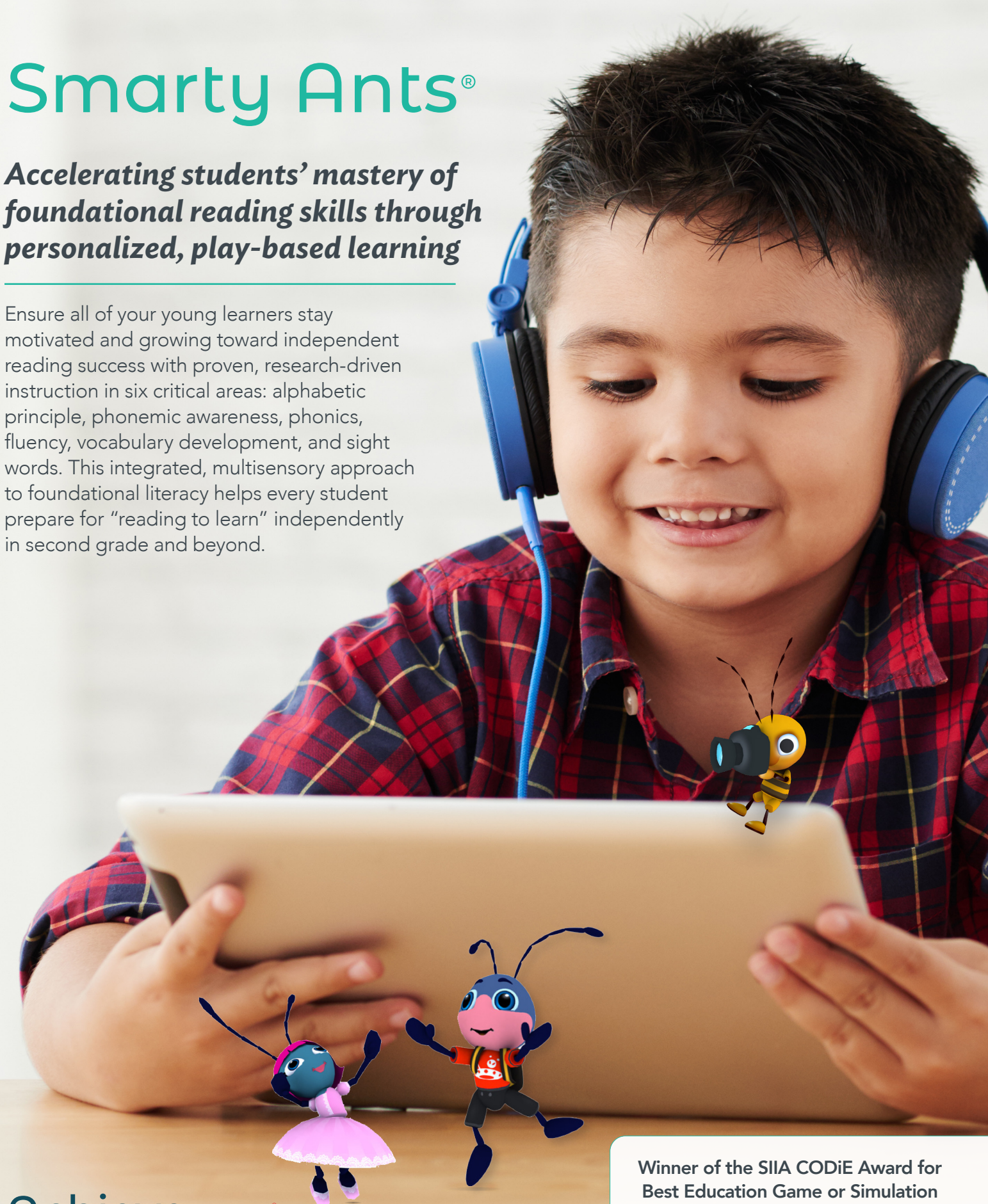# Smarty Ants®

Accelerating students' mastery of foundational reading skills through personalized, play-based learning

Ensure all of your young learners stay motivated and growing toward independent reading success with proven, research-driven instruction in six critical areas: alphabetic principle, phonemic awareness, phonics, fluency, vocabulary development, and sight words. This integrated, multisensory approach to foundational literacy helps every student prepare for "reading to learn" independently in second grade and beyond.

Achieve3000®

Your Solution for Foundational Literacy

Smarty Ants offers a blended learning experience for preschool through early elementary classrooms. Its engaging, play-based online learning environment takes each student along a personalized pathway through systematic and spiraled lessons. Meanwhile, teachers lead live classroom activities that extend and elevate students' online efforts through small-group and whole-class instruction.

FOR KIDS: *A Fun Environment for Mastery and Success*

Over ninety unique learning pathways guide your emergent readers from developing phonological awareness to mastering phonics, decoding, and sight-word fluency. No two students will approach the content or process in the same manner, but they will all reach the same critical milestones for primary-grade literacy success, emerging as confident, capable readers. Includes:
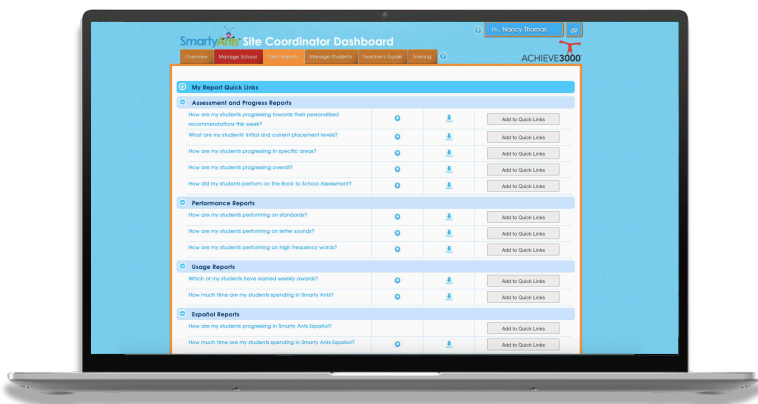
- Built-in motivation with a supportive ant coach, dog companion, coins for student accomplishments, and a unique, customizable ant avatar for every child

- Adaptive logic that aligns multisensory instruction to each student's learning pace, temperament, and skills to deliver a personalized online learning experience and individual goals

- Engaging offline learning experiences, including multisensory activities, to support students with a range of learning needs

- Anywhere, anytime access—at school or at home, with or without a data connection!

FOR ADULTS: *Your Partner in Effective Blended Literacy Learning*

Smarty Ants includes unique teacher, parent, and admin dashboards, each offering the real-time data, tools, and resources these adults need to help students transform from emergent readers into independent readers. Includes:

- Access to student responses, comprehensive progress reports, and information about areas that require intervention, plus continual monitoring of student mastery of your state's standards

- Targeted resources for small-group or whole-class instruction that empower teachers to reinforce or extend skills, including dozens of suggestions for live multisensory activities

- Robust, on-demand professional learning for teachers so they can quickly jumpstart their Smarty Ants implementation, increase its rigor, or extend its impact

- Everything needed for a successful implementation, from customized professional learning and parent engagement sessions for your site to rostering and customer support

Making an Impact

Following the 2017-2018 school year, Achieve3000 conducted an analysis of data for 4,162 kindergarten through second grade students in Bay District Schools in Panama City, FL.

Specifically, we looked at students' performance on the NWEA® MAP® from Fall 2017 and Spring 2018 in relation to students' usage of Achieve3000's Smarty Ants. The MAP Growth test provides RIT scores, based on a stable scale that measures performance regardless of age or grade level.
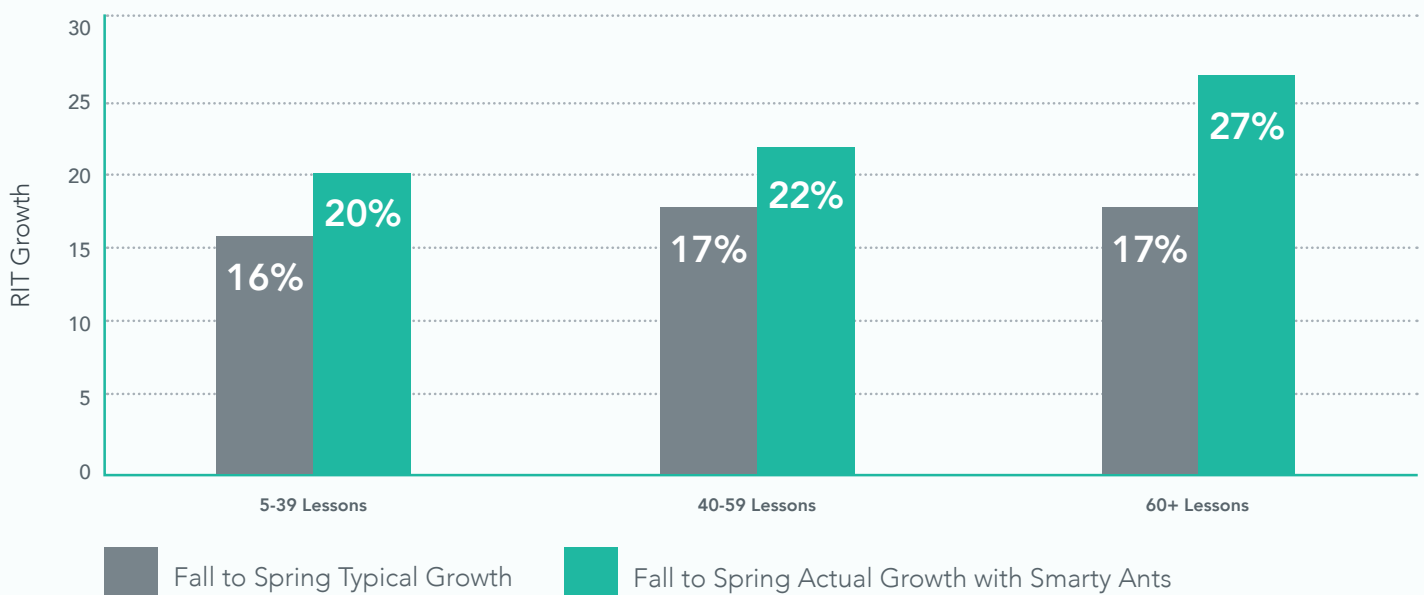
Fall 2017-Spring 2018

4,162
PARTICIPATING STUDENTS

121
AVERAGE TOTAL SESSIONS

22
AVERAGE TOTAL LESSONS COMPLETED

RIT GROWTH WITH SMARTY ANTS USAGE

Bar chart titled "RIT Growth" on y-axis (0 to 30).

- 5-39 Lessons: Fall to Spring Typical Growth 16%, Fall to Spring Actual Growth with Smarty Ants 20%
- 40-59 Lessons: Fall to Spring Typical Growth 17%, Fall to Spring Actual Growth with Smarty Ants 22%
- 60+ Lessons: Fall to Spring Typical Growth 17%, Fall to Spring Actual Growth with Smarty Ants 27%

Legend: Fall to Spring Typical Growth | Fall to Spring Actual Growth with Smarty Ants

FINDINGS

- On average, Smarty Ants students demonstrated RIT growth of 20 points, compared to typical RIT growth as reported by NWEA of 16 points, on average.

- Students who completed more lessons in Smarty Ants had greater RIT growth.

- Notably, students who completed 60 Smarty Ants lessons or more saw RIT growth of 27 points compared to typical growth of 17 points.

- A strong and positive relationship was found between the Initial Lesson in Smarty Ants and Fall RIT score ($r = 0.8$, $p < 0.0001$) and the Current Lesson in Smarty Ants and Spring RIT score ($r = 0.7$, $p < 0.0001$).