



# KEENVILLE



## Improving Georgia's Early Literacy and Numeracy Skills Through Game-Based Assessment

### Innovation



Keenville is Georgia's **game-based, formative assessment** in literacy and mathematics for first and second grade students.



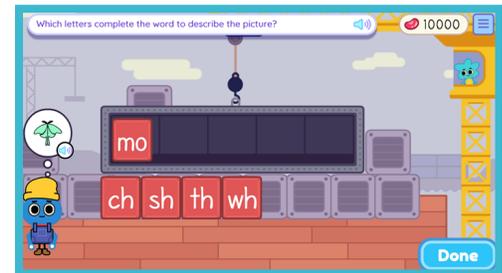
Games are **highly engaging, age-appropriate, and relevant** to young students.



Games capture **real-time, formative assessment data that empowers teachers** to provide targeted support.



Games offer **multiple levels of learning** to adapt to the needs of each student.

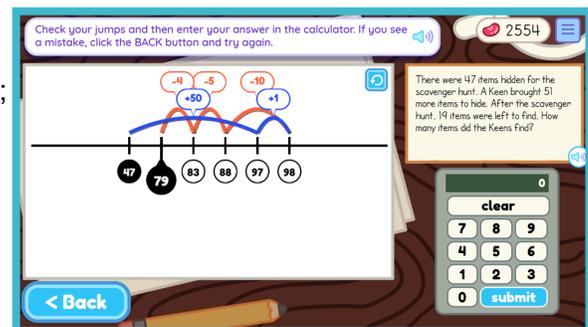


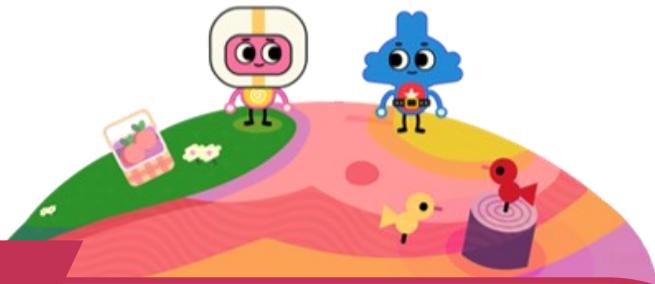
Keenville is designed to be integrated alongside instruction, supporting teachers with real-time feedback to differentiate instruction and improve teaching and learning!



### Features

- 1 Students are engaged through an avatar builder; reward system; interactive world map; and fun sights, sounds, and reactions.
- 2 Students receive ongoing support through motivational prompts and feedback.
- 3 Games include interactive tools that allow students to use multiple strategies to solve problems.
- 4 Games include Georgia themes and integrate other standards and initiatives, such as science, fine arts, and nutrition.
- 5 Teachers can access interactive dashboards that provide real-time data to help guide instruction and enhance instructional practices.





## Content Assessed

### Literacy

- ✓ Literary reading comprehension
- ✓ Informational reading comprehension
- ✓ Phonics and word recognition
- ✓ Vocabulary acquisition and use

### Numeracy

- ✓ Reading and writing numerals
- ✓ Time, money, and measurement
- ✓ Place value and comparing numbers
- ✓ Solving word problems and equations
- ✓ Shapes and fractional parts to whole
- ✓ Addition and subtraction
- ✓ Using repeated addition to understand multiplication
- ✓ Interpreting data with tables, graphs, and line plots



**“Games are a powerful assessment tool for a variety of reasons: the ability to fail without feeling bad about yourself, the deeper engagement level, and so much more fun than any test you take.”**

- Dr. Betsy DiSalvo, Assistant Professor, Georgia Institute of Technology, School of Interactive Computing

**“We’ve needed an assessment for first and second grade for several years and this is a great way for us to assess our students, without them knowing that they’re being assessed.”**

- Stacy Fowler, 1st Grade Teacher, Glenwood Primary School, Floyd County Schools

**“Georgia is spot-on with pursuing this approach that will put the fun back into learning!”**

- Scot Osterweil, Research Director, Massachusetts Institute of Technology

**To learn more about how Georgia is leading the nation with a new vision in formative assessment, visit [keenville.gadoe.org](http://keenville.gadoe.org)!**