

CURRICULUM OVERVIEW

Zorbit's Math Adventure is part of the Zorbit's Math blended learning platform. This student learning game features a math-first game design to ensure rich mathematical thinking, creative problem solving, and conceptual understanding.



GRADES K-3



16 STRANDS



78 GAMES



150 MATH CONCEPTS



Multiple ways to solve problems and demonstrate understanding



These games are designed to:

- Encourage multiple strategies and solutions
- Adapt to meet students where they are
- Spark mathematical discourse
- Foster resilience and a growth mindset
- Reduce math anxiety

This overview is NOT a comprehensive guide - it is a few of our favourite activities and the concepts they target. Get a complete **Curriculum Guide for your region** to see how Zorbit's Math Adventure **aligns with your outcomes and standards.**

Visit go.zorbitmath.com/regionalguide

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Welcome to Nonamia! Home of the Chilly Crevasse



Build an ice bridge to help Zorbit cross the Chilly Crevasse.

Kindergarten Counting and Number Sense

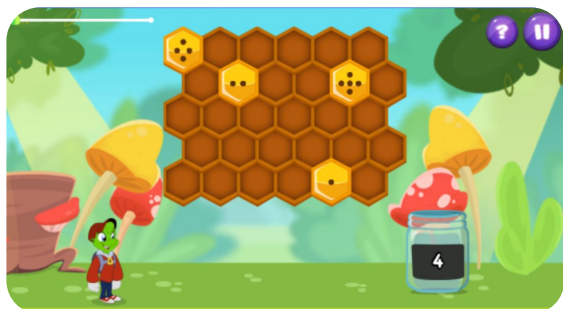
Math Concepts:

- Part-part-whole relationship
- Anchors of 5
- Anchors of 10
- Composing numbers
- Decomposing numbers
- Counting on

Variations:

Expanded segments with numbers (shown)
Expanded segments without numbers
Collapsed segments (1 block) with numbers

New Beeland! #1 Producer of Space Honey



Help Queen Wenbee combine honeycombs to put the right amount of honey into each jar.

Grade 1 Number Sense

Math Concepts:

- Counting groups
- Composing numbers
- Counting on
- Anchors of 5
- Anchors of 10
- Doubles

Variations:

Dice patterns
10 - frames
Multiple possible combinations

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Blue Moon 17

Caution: Laser Cutter in Operation



To build a new community, the Build'ems need the materials cut to size.

Grade 2 Measurement

Math Concepts:

- Measure length
- Measure complex shapes
- Adaptive reasoning
- Spatial reasoning

Variations:

Regular polygons
Irregular shapes
Multiple pieces to cut

Aurora Farms It's Harvest Time!



Help the Weedlies fill their harvest sacks with the right number of crops.

Grade 3 Multiplication & Division

Math Concepts:

- Arrays
- Multiples of 2 -10
- Area
- Strategic competence
- Spatial reasoning

Variations:

Multiples of 2 - 10
Build multiple arrays at a time
Variable "tree" shapes