*This advisory recommendation has not been approved by the Instructional Quality Commission or the State Board of Education*

# Review Panel Advisory Recommendation 2025 Mathematics Instructional Materials Adoption

| **Publisher** | **Program** | **Grade Level(s)** |
| --- | --- | --- |
| Barobo, Inc. | *RoboBlocky Math: Algebra 1* | Algebra 1 |

## Program Summary:

The *RoboBlocky Math: Algebra 1* program includes the following: RoboBlocky Website.

## Recommendation:

*RoboBlocky Math: Algebra 1* is recommended for adoption for Algebra 1 because the instructional materials include content as specified in the *California Common Core State Standards for Mathematics* (*CA CCSSM*) and meets the rest of the criteria in category 1 with strengths in categories 2–5.

### Criteria Category 1: Mathematics Content/Alignment with Standards

The program supports teaching to the *CA CCSSM* for the intended grade level(s) in alignment with the *Mathematics Framework for California Public Schools: Kindergarten Through Grade Twelve*. The program meets all of the evaluation criteria in category 1.

#### Citations:

* Criterion 1.1: Algebra 1, Lesson 13.1 Solves Systems of Linear Equations by Graphing, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=13.1>
* Criterion 1.2: Algebra 1, Lesson 12.3 Big Idea Project: Food Truck Business, <https://review.roboblocky.com/curriculum/math/alg1/340.php>
* Criterion 1.3: Algebra 1, Lesson 23.7 Big Idea Project EEI: Greenhouse Gas Emissions, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=23.7>
* Criterion 1.4: Algebra 1, Summary of TK–12 RoboBlocky Math, <https://barobo.s3.us-east-1.amazonaws.com/roboblocky/SMP-CCSS-AlignmentForRoboBlockyMath/SMP-CCSS-AlignmentForRoboBlockyMathAlgebra1.pdf>

### Criteria Category 2: Program Organization

The organization and features of the instructional materials support instruction and learning of the standards.

#### Citations:

* + Criterion 2.7: Algebra 1, Lesson 2.7: Big Idea Project: Buying Your First Car, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=2.7>
  + Criterion 2.2: Algebra 1, Lesson 18.7: Big Idea Project: Cost of College, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=18.7>
  + Criterion 2.2: Algebra 1, Lesson 1.1: Variables in Algebra and Their Application in Computing, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=1.1>
  + Criterion 2.1: Algebra 1, Lesson 12.3 Big Idea Project: Food Truck Business,
  + Criterion 2.3: Algebra 1, Lesson 23.7 Big Idea Project EEI: Greenhouse Gas Emissions

### Criteria Category 3: Assessment

The instructional materials contain strategies and tools for continually assessing student understanding and opportunities for new learning.

#### Citations:

* + Criterion 3.1: Algebra 1, 13.3.3: Solving Systems of Linear Equations by Substitution Step-by-Step, <https://review.roboblocky.com/curriculum/math/alg1/354.php>
  + Criterion 3.2: Algebra 1, 5.3: Properties of Rational Exponents, <https://review.roboblocky.com/curriculum/math/alg1/157.php>
  + Criterion 3.3: Algebra 1, Instructor’s Guide: P–Prompts: Send Prompts to Students, <https://review.roboblocky.com/curriculum/math/alg1/>
  + Criterion 3.4: Algebra 1, End of the Year Standardized Math Assessments (located at the bottom of page)

### Criteria Category 4: Access and Equity

Program resources incorporate recognized principles, concepts, and research-based strategies to meet the needs of all students and provide equal access to learning through lessons that are relevant to the students. Instructional resources include suggestions for teachers on how to differentiate instruction to meet the needs of all students. Instructional resources provide guidance to support students who are English learners, at-promise, advanced learners, and students with learning disabilities.

#### Citations:

* + Criterion 4.5: Algebra 1, Curriculum Overview (see drop down menu to select languages), <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82>
  + Criterion 4.1: Algebra 1, Curriculum Overview (see *General Differentiations*), <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82>
  + Criterion 4.2: Algebra 1, Curriculum Overview (see *Information for Families*), <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82>
  + Criterion 4.3: Algebra 1, Lesson 15.7 Big Idea Project: Food Truck Business, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=15.7>
  + Criterion 4.4: Algebra 1, RoboPlay Challenge Competitions, <https://review.roboblocky.com/curriculum/math/alg1/695.php>
  + Criterion 4.7: Algebra 1, Instructor’s Guide: Edit an Assignment, <https://review.roboblocky.com/curriculum/math/alg1/>

### Criteria Category 5: Instructional Planning and Support

The instructional materials contain a clear road map to assist teachers when planning instruction for the specific needs and context of their students. The instructional resources support Universal Design for Learning and culturally and linguistically responsive instruction to improve and optimize teaching and make learning more equitable.

#### Citations:

* + Criterion 5.1: Algebra 1, Chapter Guide: Chapter 2: Solve and Model Simple Algebraic Equations (see *Section Implementation, Pacing Information, and Differentiation*), <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&section=2.3>
  + Criterion 5.2: Algebra 1, Instructor’s Guide: Chapter 4: Strategy and Pedagogy, <https://review.roboblocky.com/lessonPlan.php?curriculum=M:82&chapter=4>
  + Criterion 5.3: Algebra 1, Lesson 0.6: Save and Load Programs and Submit Assignments, <https://review.roboblocky.com/curriculum/math/alg1/>
  + Criterion 5.7: Algebra 1, Instructor’s Guide: Edit an Assignment, <https://review.roboblocky.com/u/5117.php>
  + Criterion 5.9: Algebra 1, Graphical Organizers for RoboBlocky Curriculum, <https://review.roboblocky.com/u/13060.php>

## Edits and Corrections:

None.

## Social Content Citations

None.

California Department of Education, August 2025