

CONNECTING WATERS CHARTER SCHOOL
MATHEMATICS CURRICULUM CHECK LIST

Student Name _____

PURPOSE: To assess and evaluate instructional materials to ensure alignment with the California State Academic Content Standards and to determine appropriateness for your student.

DIRECTIONS: Use the following checklists to help you choose the appropriate curriculum for your student:

GENERAL CHECKLIST

- _____ The curriculum includes a balance of computational and procedural skills, conceptual understanding, and problem-solving skills.
- _____ The instructional materials address the particular needs of your student, including strategies for English language learners, advanced learners, special education students, or struggling mathematics students.
- _____ The reading level of the text is appropriate for your child.
- _____ The concepts are developed using a variety of teaching methods and addressing a variety of learning styles.
- _____ Abstract concepts are connected to hands-on activities or real-life applications, when possible.
- _____ The scope and sequence suggests that the instructional material is aligned with the California State Academic Content Standards across grade levels. (See below)
- _____ If instructional material is not aligned through the levels, then supplemental material are available.

ALGEBRA 1 CHECKLIST

The Algebra curriculum thoroughly covers the following topics as detailed in the math content standards <http://www.cde.ca.gov/re/pn/fd/documents/mathematics-frame.pdf> (begin on p. 72):

- _____ Solving Equations and Inequalities
- _____ Graphs and Linear Functions
- _____ Systems of Equations and Inequalities
- _____ Exponents and Exponential Functions
- _____ Polynomials and Factoring
- _____ Quadratic Equations and Functions
- _____ Radical Expressions and Equations
- _____ Rational Expressions and Functions

Parent Signature _____

Date _____

ES Signature _____

Date _____