

Connecting Waters Charter Schools Geometry Curriculum Checklist

Student: _____

Grade: _____

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

Math: Geometry Checklist

The Mathematics curriculum provides explicit, sequential, logical, systematic instruction and support in the following required mathematical areas:

(Details of the content standards can be found at the following link: [CA CSS Math - Content Standards](#))

Domains:

- Congruence
- Similarity, Right Triangles, and Trigonometry
- Circles
- Expressing Geometric Properties with Equations
- Geometric Measurement and Dimension
- Modeling with Geometry
- Conditional Probability and the Rules of Probability
- Using Probability to Make Decisions

8 Standards for Mathematical Practices (K-12):

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively
- Construct viable arguments and critique the reasoning of others
- Model with mathematics
- Use appropriate tools strategically
- Attend to precision
- Look for and make use of structure
- Look for and express regularity in repeated reasoning

Parent Signature: _____

Date: _____