

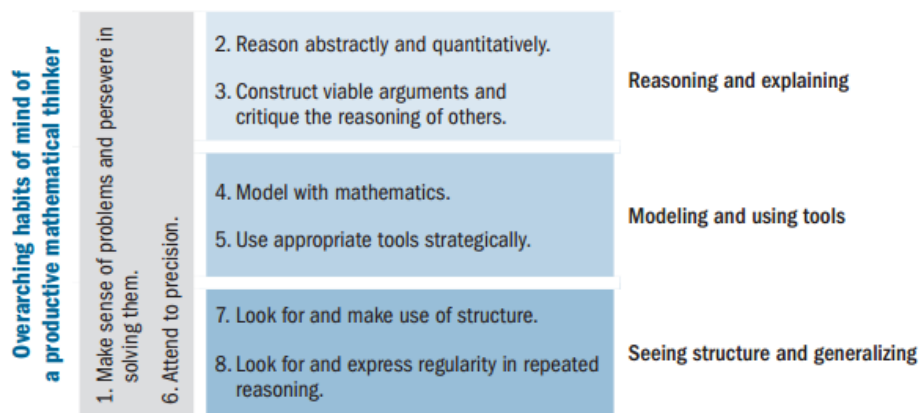
Academic Outcomes

Mathematics

Mathematical Practice Standards:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Structuring the Standards for Mathematical Practice¹



Mathematic Content Standards:

- Counting and Cardinality (TK, K)
- Operations and Algebraic Thinking (TK, K, 1, 2, 3, 4, 5)
- Number and Operations in Base Ten (TK, K, 1, 2, 3, 4, 5)
- Number and Operations—Fractions (3, 4, 5)
- Measurement and Data (TK, K, 1, 2, 3, 4, 5)
- Geometry (TK, K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)
- Ratios and Proportional Relationships (6, 7)
- The Number System (6, 7, 8)
- Expressions and Equations (6, 7, 8)
- Statistics and Probability (6, 7, 8, 9, 10, 11, 12)
- Functions (8, 9, 10, 11, 12)
- Number and Quantity (9, 10, 11, 12)
- Algebra (9, 10, 11, 12)
- Advanced Courses past 12th grade may be explored at <http://www.cde.ca.gov/be/st/ss/documents/ccssmathstandarداug2013.pdf>