

Praxis® Mathematics: Content Knowledge 5161 Content Category Resource List

Below, we have listed some resources recommended by our mathematics test specialists that may be helpful in brushing up on the topics covered on the test. These resources were recommended because they are particularly relevant to the type of material covered by the test; however, please note that the test is not based on these resources and that they do not necessarily cover every topic that may be included in the test.

Number and Quantity

- Mathematics with Application – Lial, Hungerford, Holcomb

Algebra

- Algebra 2 - Saxon
- UCSMP Advanced Algebra

Functions

- Algebra 1 - Saxon

Calculus

- Calculus, 7E - Stewart
- Calculus, 5E - Swokowski
- Schaum Outline Series – Calculus
- Rogawski's AP Calculus
- Baron's AP Calculus
- Larson, Hostetler, Edwards: Calculus

Geometry

- Jurgenson, Brown, Jurgenson-McDougal Little
- Musser, Trimpe, Maurer: College Geometry A Problem Solving Approach with **Applications**
- Schaum Outline Series - Geometry

Statistics and Probability

- Schaum Outline Series - Probability & Statistics

Discrete Mathematics

- Epp: Discrete Mathematics and Applications
- Tannebaum: Excursions in Modern Mathematics
- Schaum Outline Series - Combinatorics

Online resources

- <http://patrickjmt.com/>
- <http://www.brightstorm.com/>
- <http://www.purplemath.com/>
- <http://tutorial.math.lamar.edu/>
- <http://www.calcchat.com/>
- https://learnzillion.com/common_core/math/hs
- <http://www.mathtv.com/>
- <http://www.centerofmath.org/videos/index.html#>
- http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/index.html
- <http://www.khanacademy.com/>
- <http://www.testprepreview.com/math-number-and-quantity.htm>