10th Grade Math AZ Merit Topics

Algebra

[https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:foundation-algebra/x2f8bb11595b61c86:algebra-overview-history/v/origins-of-algebra](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86%3Afoundation-algebra/x2f8bb11595b61c86%3Aalgebra-overview-history/v/origins-of-algebra)

<https://www.youtube.com/watch?v=ffLLmV4mZwU>

<https://www.youtube.com/watch?v=_lxccBUcNaY>

Functions

<https://www.khanacademy.org/math/algebra-2018/algebra-functions>

<https://www.youtube.com/watch?v=eBv70NDRN-s>

<https://www.youtube.com/watch?v=OxZ0JL4Bjzk>

Statistics and Quantitative Reasoning:

<https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/statistics-intro-mean-median-and-mode>

<https://www.youtube.com/watch?v=g_IO-XlHnYU>

<https://www.youtube.com/watch?v=kukv5hh2Mec>

Congruence and Geometric Properties and Equations:

<https://www.khanacademy.org/math/geometry/hs-geo-congruence/hs-geo-triangle-theorems/v/congruent-triangle-example-2>

<https://www.youtube.com/watch?v=jWHOF6cFbpw>

<https://www.youtube.com/watch?v=H3hvDbxntfo>

Similarity, Right Triangles and trigonometry and Circles:

<https://www.khanacademy.org/math/geometry/hs-geo-trig/hs-geo-trig-ratios-similarity/v/similarity-to-define-sine-cosine-and-tangent>

<https://www.khanacademy.org/math/basic-geo/basic-geo-angle/measure-angles/v/measuring-angles-in-degrees>

<https://www.khanacademy.org/math/basic-geo/basic-geo-transformations-congruence>

<https://www.youtube.com/watch?v=nd46bA9DKE0>

<https://www.youtube.com/watch?v=PUB0TaZ7bhA>

<https://www.youtube.com/watch?v=a5WQlcFTXyk>

<https://www.youtube.com/watch?v=TPWVrTYkwBU>