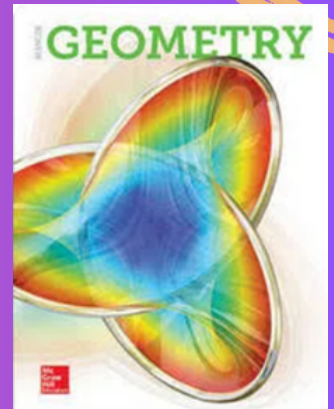


GEOMETRY

Geometry Course Description

This Geometry course helps students understand shapes, space, and problem-solving. Students learn geometry basics, logic, lines, angles, and how to write mathematical arguments. They study triangles, quadrilaterals, similarity, and right triangle trigonometry. The course also covers circles, as well as area and volume of 2D and 3D figures. By the end, students strengthen critical thinking and problem-solving skills for future math courses and real-world applications.



Geometry, McGraw Hill, 2018



Course Topics

1. Tools of Geometry
2. Logical Arguments and Line Relationships
3. Rigid Transformations
4. Triangles and Congruence
5. Relationships in Triangles
6. Quadrilaterals
7. Similarity
8. Right Triangles and Trigonometry
9. Circles
10. Extending Area and Volume

Additional Resources

- McGraw Hill (Access through Clever) – access to the eTextbook
- IXL (Access through Clever) - includes Skill Plans for Keystone Exams and for the McGraw Hill Geometry Textbook
- [Desmos Graphing Calculator – Keystone Version](#)
- [Keystone Algebra 1 Assessment Information](#)

