**Unit 3-Exploring Congruence**

In this unit, students will be introduced to transformations in the coordinate plane, describe a sequence of transformations that will map one figure onto another, and describe transformations that will map a figure onto itself. Students will use rigid motion transformations to develop an understanding of congruence and use this to prove theorems involving triangles.

* Congruence
* Similarity
* Translation
* Side-Angle-Side (SAS)
* Reflection
* Angle-Angle-Side (AAS)
* Rotation
* Angle-Side-Angle (ASA)
* Congruence
* Hypotenuse-Leg (HL)
* Symmetry
* Rigid Motion
* Side-Side-Side (SSS)
* Isometry