

# High School Geometry

## Unit 1

### Congruence

Make Geometric  
Constructions;  
Experiment with  
Transformations in the Plane

Understand  
congruence in  
terms of rigid  
motions

Prove  
geometric  
theorems

G-CO 12 & 13

G-CO 1-5

G-CO 6-8

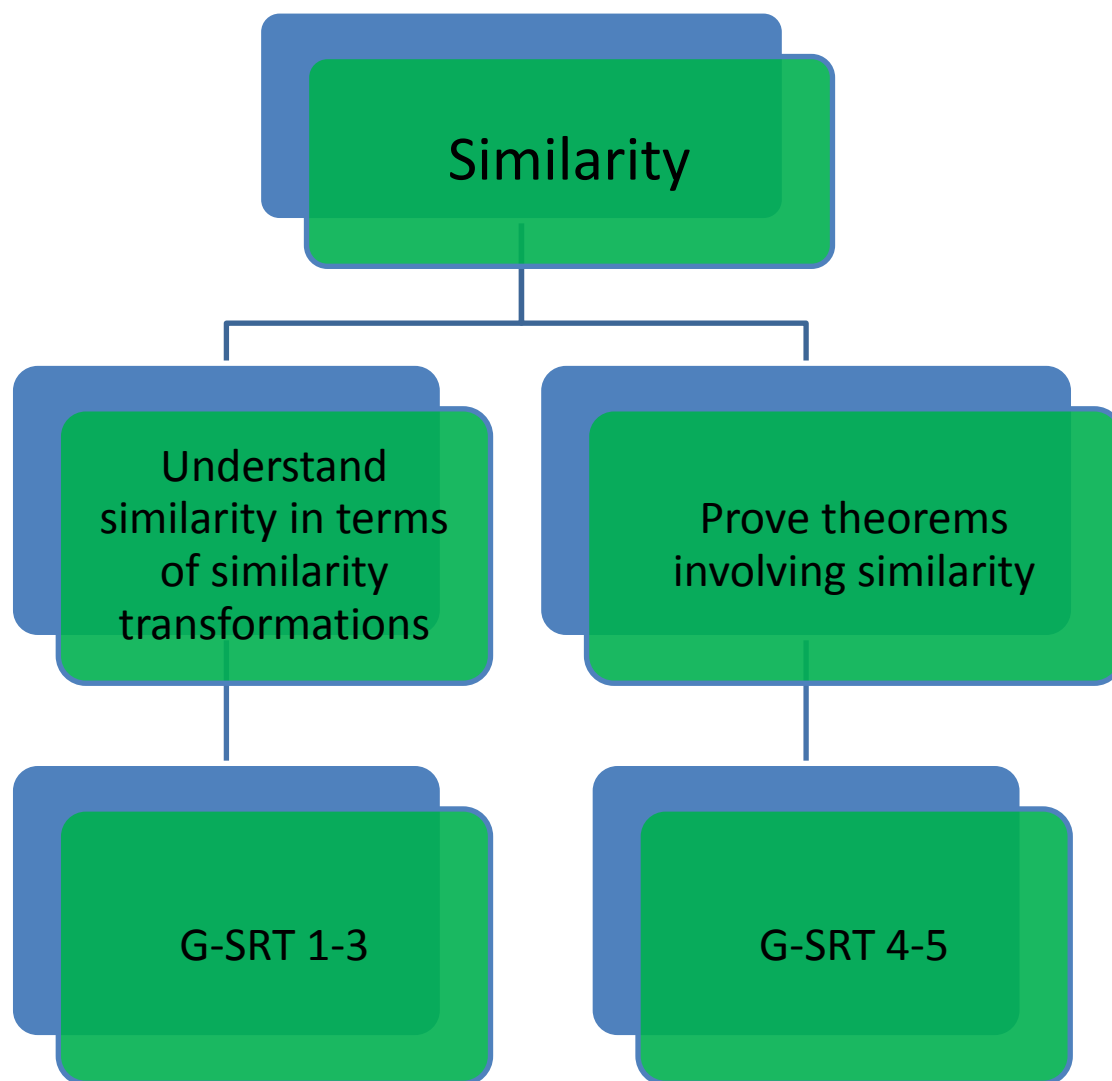
G-CO 9-11

G-MG 1-3: Modeling with Geometry: Apply geometric concepts in modeling situations

Key: Major Clusters; Supporting Clusters; Additional Clusters

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## High School Geometry Unit 2



G-MG 1-3: Modeling with Geometry: Apply geometric concepts in modeling situations

## High School Geometry Unit 3

### Expressing Geometric Properties with Equations; Circles

Use coordinates to prove simple geometric theorems algebraically

Understand and prove theorems about circles; Find arc lengths and areas of sectors of circles.

Translate between the geometric description and the equation for a conic section

GPE 4-7

G-C 1-5

GPE 1-2

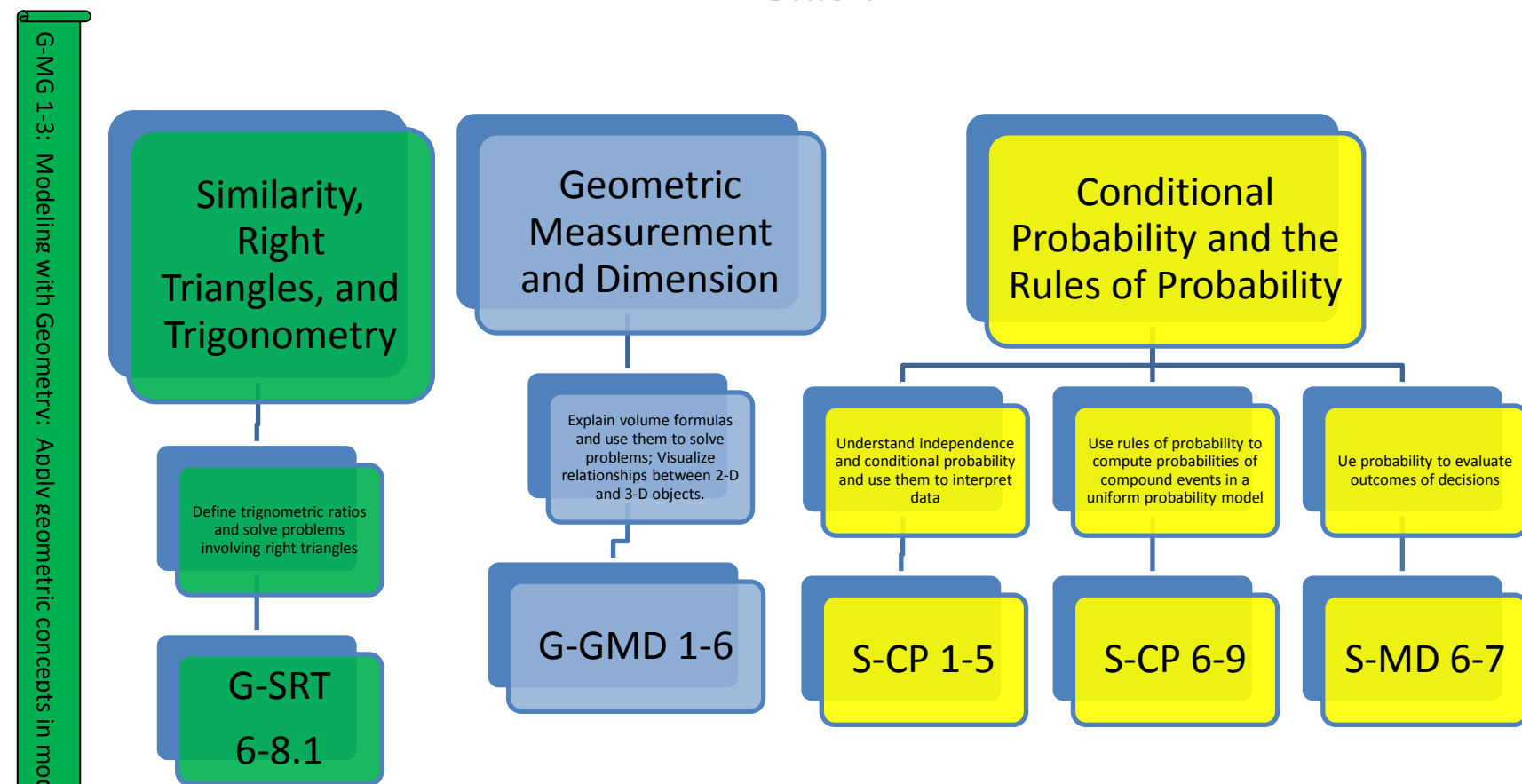
G-MG 1-3: Modeling with Geometry: Apply geometric concepts in modeling situations

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# High School Geometry

## Unit 4



Key: Major Clusters; Supporting Clusters; Additional Clusters

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