First Nine Weeks		
Week(s)	Topics & Objectives	Standards
1	Unit 1 Geometry Foundations	Experiment with transformations in the plane. Make geometric constructions. G-CO.1,2,6,7,12 G-GPE.6 G-GMD.4
2	Unit 1 Geometry Foundations	Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations G-CO.1,2,6,7,12 G-GPE.6 G-GMD.4
3	Unit 1 Geometric Reasoning	Understand congruence in terms of rigid motions Make geometric constructions. Prove geometric theorems G-CO.1,2,6,7,9,12
4	Unit 1 Geometric Reasoning	Understand congruence in terms of rigid motions Make geometric constructions. Prove geometric theorems G-CO.1,2,6,7,9,12
5	Unit 1 Parallel & Perpendicular Lines	Experiment with transformations in the plane. Make geometric constructions. G-CO.1,2,6,7,12 G-GPE.6 G-GMD.4
6	Unit 1 Parallel & Perpendicular Lines	Experiment with transformations in the plane. Make geometric constructions. G-CO.1,2,6,7,12 G-GPE.6 G-GMD.4

7	Unit 1 Triangle Congruence	Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
8	Unit 1 Triangle Congruence	Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
9	Unit 2 Triangle Properties & Attributes	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
Second Nine Weeks		
Week(s)	Topics & Objectives	Standards
10	Unit 2 Triangle Properties & Attributes	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6

		G-GMD.4
11	Unit 2 Triangle Properties & Attributes	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
12	Unit 2 Polygons & Quadrilaterals	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
13	Unit 2 Polygons & Quadrilaterals	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
14	Unit 2 Polygons & Quadrilaterals	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4

15	Unit 2 Similarity- Ratio & Proportion	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
16	Unit 2 Similarity Relationships	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
17	Unit 2 Properties/Conditions of Parallelograms	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
18	Unit 2 Special Parallelograms	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4

Third Nine Weeks		
Week(s)	Topics & Objectives	Standards
19	Unit 3 Ratio & Proportion	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
20	Unit 3 Triangle Similarity: AA, SSS, SAS	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
21	Unit 3 Proportional Relationships	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
22	Unit 3 Similarity in Right Triangles	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8

		G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
23	Unit 3 Trigonometric Ratios	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
24	Unit 3 Solving Right Triangles	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
25	Unit 4 Developing Geometric Formulas	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
26	Unit 4 Appling Geometric Formulas	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4

27	Unit 4 Geometric Probability	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4
Fourth Nine Weeks		
Week(s)	Topics & Objectives	Standards
28	Unit 4 Three- Dimensional Figures	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.1,2,3,4,5,6 G-GMD.4
29	Unit 4 Volume of Prisms & Cylinders	Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.1,2,3,4,5,6 G-GMD.4 G-MG.1,2,3
30	Unit 4 Lines & Arcs in Circles	Understand & apply theorems about circles Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems

		G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4 G-C.1,2,3,4
31	Unit 4 Angles in Circles	Understand & apply theorems about circles Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4 G-C.1,2,3,4
32	Unit 4 Circles- Segment Relationships	Understand & apply theorems about circles Prove theorems involving similarity Understand congruence in terms of rigid motions Experiment with transformations in the plane. Make geometric constructions. Apply geometric concepts in modeling situations Prove geometric theorems G-SRT.4,5,6,7,8 G-CO.1,2,6,7,8,9,10,11,12 G-GPE.6 G-GMD.4 G-C.1,2,3,4
33	Review for QUESTAR	Final project
34	Review for QUESTAR	Final project
35	Review for QUESTAR	Final project

36	Review for QUESTAR	Final project