

Livingston County Schools
7th Grade

Unit 7: Angles, Triangles, and Prisms

Length of Unit: 19 Days

KY Academic Standard	Critical Vocabulary	Texts/Resources/Activities
KY 7.G.2	Plane Figure Polygon Triangle Quadrilateral Pentagon Hexagon Octagon Line Segment Parallel Protractor Similar Figures	<ul style="list-style-type: none"> • Buckledown, Lesson 16 • IXL7 W4, W8 • GROUP IXL5 AA8 • Practice Coach Plus Lesson 21 • Crosswalk Coach Lesson 21 • Math Course 2 Book: Section 8-5 through 8-8 • Pre-Algebra Course 3 Book: Section 7-3 and 7-4; Pg. 832
KY 7.G.3	Solid Face Edge Vertex (of a Solid) Net Base Right Rectangular Prism Right Rectangular Pyramid Cross-Section	<ul style="list-style-type: none"> • Buckledown, Lesson 22 • IXL7 Z4 • GROUP IXLGEOMETRY H4 • Practice Coach Plus Lesson 22 • Crosswalk Coach Lesson 22 • Math Course 2 Book: Section 10-1; Pg. 612 • Pre-Algebra Course 3 Book: Section 8-4; Pg. 406
KY 7.G.5	Angle Endpoint Vertex Side (of an Angle) Intersecting Lines Adjacent Angles Complementary Angles	<ul style="list-style-type: none"> • Buckledown, Lesson 17 and 18 • IXL7 W16, W17 • GROUP IXL6 CC15-CC17 • GROUP IXL 8 016, 017, 013, 014, 015 • Practice Coach Plus Lesson 24 • Crosswalk Coach Lesson 24

	Perpendicular Supplementary Angles Vertical Angles Transversal Interior Angles Exterior Angles Alternate Interior Angles Alternate Exterior Angles Corresponding Angles	<ul style="list-style-type: none"> • Math Course 2 Book: Section 8-2 and 8-3; Pg. 446 • Pre-Algebra Course 3 Book: Section 7-1 and 7-2
KY 7.G.6a-b	Area (A) Square Rectangle Parallelogram Trapezoid Regular Polygon Apothem Surface Area (S.A.) Volume (V)	<ul style="list-style-type: none"> • Buckledown, Lesson 19 and 23 • IXL7 AA2, AA3, AA7, AA11, AA17, AA19 • GROUP IXL6 FF2-FF8, FF14-FF16, FF18, FF19, FF21, FF24 • GROUP IXL8 T8, T2-T4, T9 • Practice Coach Plus Lesson 25-27 • Crosswalk Coach Lesson 25-27 • Math Course 2 Book: Section 9-3, 9-4, 9-6, 10-2, ,10-3, and 10-4 • Pre-Algebra Course 3 Book: Section 8-1, 8-2, and 8-5 through 8-8