Content Area: Mathematics   Course: Geometry
Strand: Geometric and Spatial Relationships   Missouri CLE: G4B, M2B

Power Standard: I will use the Pythagorean theorem and trigonometric ratios to solve problems involving right triangles.

4.0
The student will use a clinometer and tape measure to find distances, such as the height of a flagpole, that cannot be physically measured without the aid of a ladder.

3.0
The student will be able to distinguish between angle of elevation and angle of depression. Given either situation, the student will draw and label an appropriate diagram and then set up and solve the corresponding trigonometric equation.

2.0
Given a diagram, the student will be able to set up and solve an appropriate trigonometric equation.