**Third 9th Weeks Outline Lesson Plan - MCR**

**1/29 Monday – Graphing Linear Equations**

a) Demonstrate how to graph linear equations

b) Discuss various examples

c) Complete Worksheet on graphing linear equations

**1/30 Tuesday – Graphing Inequalities with two variables**

a) Review graphing linear equations

b) Demonstrate how to graph linear of inequalities

c) Discuss various examples

d) Complete Worksheet on graphing linear inequalities

**1/31 Wednesday - Graphing Linear Inequalities Continuation…**

a) Warm up exercise

b) Continue completing graphing Linear Inequalities

**2/1 Thursday - Graphing System of Linear Equations**

a) Warm up exercise using fractions

b) Demonstrate how to graph system linear of equations

c) Discuss various examples including fractions

d) Complete Worksheet on graphing system of linear equations

**2/2 Friday - Continue Graphing System of Linear Equations**

a) Warm up exercise

b) Continue with graphing system of linear equations Worksheet.

**2/5 Monday – Graphing System of Linear Inequalities**

a) Warm up exercises

b) Demonstrate how to graph system of linear inequalities

c) Class discussions on various examples

**2/6 Tuesday – Graphing System of Linear Inequalities in Standard Form**

a) Warm up exercises

b) Demonstrate how to change from Standard Form to Slope Intercept Form and graph inequality

c) Complete worksheet

**2/7 Wednesday – Review System of Inequalities**

a) Warm up exercises

b) Review for System of Inequalities Quiz

**2/8 Thursday – System of Inequalities Quiz**

**2/9 Friday – Trigonometric Ratios**

a) Review previous knowledge with Pythagorean Theorem

b) Introduce SOH CAH TOA (Sine, Cosine, and Tangent)

c) Demonstrate various examples to find a missing side of a right triangle.

d) Complete worksheet

**2/12 Monday – Trigonometric Ratios (Using Trigonometry to find lengths)**

a) Review previous knowledge with Pythagorean Theorem

b) Introduce SOH CAH TOA (Sine, Cosine, and Tangent)

c) Demonstrate various examples to find a missing side of a right triangle.

d) Complete worksheet

**2/13 Tuesday – Trigonometric Ratios (Using Trigonometry to find Angle Measures)**

a) Review previous knowledge

b) Introduce SOH CAH TOA (Sine, Cosine, and Tangent)

c) Demonstrate various examples to find a missing side of a right triangle.

d) Complete worksheet

**2/14 Wednesday – Trigonometric Ratios (Using Trigonometry to find Angle Measures)**

a) Review previous knowledge

b) Introduce SOH CAH TOA (Sine, Cosine, and Tangent)

c) Demonstrate various examples to find a missing side of a right triangle.

d) Complete worksheet

**2/15 Thursday – Trigonometric Ratios Review**

a) Review how to find lengths and angles using trigonometric ratios

**2/16 Friday - Quiz**