Mathematics Class Slides

Bronx Early College Academy

Chris Huson

23 March 2020

11.1 Deltamath point-slope practice, Tuesday 24 March

11.2 Circle equations review, Thursday 26 March

GQ: How do we write a linear equation given a point and slope?

CCSS: HSG.CO.B6-8 Understand congruence in terms of rigid motions 11.1 Monday 23 March

Do Now: Welcome to Beca Online!

- Complete the attendance question in Google Classroom
- Write in your notebook my new email, chuson@beca324.org
- Complete the G-Classroom "Do Now" questions

BECA Online expectations

Lesson:
Point-slope form of linear equations
Khan Academy video & Deltamath practice problems
Homework: Complete Deltamath practice, due by 10:00pm

GQ: How do we define a circle with an equation?

CCSS: HSG.GPE.A1 Geometry & equations of conics 11.2 Thursday 26 March

Do Now: Point-slope assessment; answer by Zoom private message

1. What is the slope of $y = \frac{3}{2} + 5$?
2. Find the y-intercept of $4x - y = 7$
3. Identify a point on the line $y - 3 = \frac{1}{2}(x + 1)$ as an ordered pair
4. Identify a point on the line $y = \frac{3}{2} + 5$ as an ordered pair
5. Find the equation of the line with slope 2 through $(-4, 9)$

Lesson: Finding the center and radius of a circle given its equation
Video & discussion, practice problems
Extra credit: Deltamath "System of Equations of Circle/Line (L1)"

Daily practice: Khan Academy triangle & parallelogram areas