Mathematics Class Slides
Bronx Early College Academy

Chris Huson

2 January 2019

6.2 Project: Transformations project, Monday 7 January

6.1 Drui: Triangle congruence. Friday 4 January

6.2 Drui: Triangle congruence. Monday 7 January

6.3 Drui: Deltamath. Tuesday 8 January

6.4 Drui: Triangle congruence. Wednesday 9 January

X.1 Drui: Dilation Monday January 7

Construction project: Transformations
CCSS: HSG.CO.C.9 Prove geometric theorems   6.2

Two pages of transformation constructions for binder

1. Construct the line of reflection
2. Construct a dilation

Grading criteria (20 points)

1. Complete and correct construction
2. State postulate or theorem. (written steps not necessary)
3. MLA header, center title & last name on right
4. Precise, elegant, mathematical aesthetic

Due Friday January 11

GQ: How do we solve for an unknown?

CCSS: HSG.CO.C.9 Prove geometric theorems   6.1 Friday 4 January

Do Now: Handout with algebra problems

1. Trig applications
2. Area and volume applications

Exam review. Test corrections due Monday
Solving an equation for an unknown

Homework: Trig, area, and volume applications, handout

GQ: How do we dilate objects on the plane?
CCSS: HSG.CO.D.12 Congruence, geometric constructions   6.2 Monday 7 January

Do Now: Handout

1. Triangle congruence, transformation handout.

Test corrections due
Center of dilation and scale factor mapping pre-image→image
pp. 587-591

Homework: Dilation exercises, handout

GQ: How do we dilate objects on the plane?

CCSS: HSG.CO.D.12 Congruence, geometric constructions   6.3 Tuesday 8 January

Do Now: Handout

1. review problems handout

Deltamath assessment: distance, midpoint, and slope
Deltamath homework: trig ratios, triangle relationships

Homework: Complete deltamath (10pm deadline)

GQ: How do we dilate objects on the plane?

CCSS: HSG.CO.D.12 Congruence, geometric constructions   6.4 Wednesday 9 January

Do Now: Handout

1. review problems handout

Test corrections due
Dilation

Homework: Dilation exercises, handout

GQ: How do we dilate objects on the plane?
CCSS: HSG.CO.D.12 Congruence, geometric constructions   4.11 Monday December 10

Triangle congruence, transformation handout.

Center of dilation and scale factor mapping pre-image→image
pp. 587-591

Homework: