Mathematics Class Slides

Bronx Early College Academy

Chris Huson

2 January 2020

4.1 Introduction to linear functions Thursday 2 January

4.2 Linear models, rate of change Friday 3 January

4.3 Graphing quiz, direct variation, modeling Monday 4 January

4.3 Seating chart

4.4 Deltamath review, test corrections Tuesday 5 January

GQ: How do we interpret linear graphs?

CCSS: HSS.CP.A.4 Understand linear functions 4.1 Thursday 2 January

Do Now Skills check page 141

Know three forms of linear equations:

1. Slope-intercept form: $y = mx + b$
2. Standard form: $ax + by = c$
3. Point-slope form: $(y - y_1) = m(x - x_1)$

Afterschool review exploration papers

Lesson: linear functions review pp. 140-150

Homework: Textbook exercises 4A p. 146 & 4B p. 150 (and 4C optionally)

GQ: How do we interpret slope as rate of change?

CCSS: HSS.CP.A.4 Understand linear functions 4.2 Friday 3 January

Do Now handout

Know three forms of linear equations:

1. Slope-intercept form: $y = mx + b$
2. Determining the slope from two points
3. Applying point-slope form: $(y - y_1) = m(x - x_1)$

Afterschool review exploration papers

Lesson: 4.2 linear models, rate of change pp. 151-159

Homework: Textbook exercises 4C p. 153-4 & 4D p. 158-9

GQ: How do we interpret slope as rate of change?

CCSS: HSS.CP.A.4 Understand linear functions 4.3 Monday 4 January

Do Now Quiz

Know three forms of linear equations:

1. Slope-intercept form: $y = mx + b$
2. Determining the slope from two points
3. Applying point-slope form: $(y - y_1) = m(x - x_1)$

Welcome Mr. Nortonsmith

TOK p. 159:
"To what extent does the language we use shape the way we think?"

Lesson: Direct variation, modeling pp. 159-159

Homework: Textbook exercises 4E p. 160 & 4F p. 163-4

New seating chart!

Sit in your assigned seat to recieve classwork credit.

			Front of room				
Aaryan	Galytia		Ashley S.	Lakeisha		Nolan	Keandra
Noel	Guadalupe		Seline	Syeda		Wayne	Ashley M.
Tia	Dayna		Monica	Yasira		Leslie	Wendy
Hailey	Daena			Sadiyah			
			Julien				
Nicholas	Sarah		Aliyah	Odalis			
Jason	Alana		Vanecia	Jairo			

GQ: How do we interpret slope as rate of change?

CCSS: HSS.CP.A.4 Understand linear functions 4.4 Tuesday 5 January

Do Now: Venn diagram problem

1. Interpret the quantities in a Venn diagram
2. Assigning quantities to a Venn diagram given a situation
3. Interpret set notation as Venn diagram shading

Vector introduction

Homework: Complete textbook exercises 4A-4F, Deltamath review problems