

Mathematics Class Slides

Bronx Early College Academy

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2 January 2020

4.1 Introduction to linear functions Thursday 2 January

4.2 linear models, rate of change Friday 3 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

4.1 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