Week Sept. 9 - 13 Overview of Lesson Plan Algebra 1B

Monday -

Section 4.2: Writing Equations in Point-Slope Form

Common Core State Standards: A.CED.A.2, F.BF.A.1a, F.LE.A.1b, F.LE.A.2
Learning Target: Write equations of lines in point-slope form.
Success Criteria

- Use a point on a line and the slope to write an equation of the line.
- Use any two points to write an equation of a line.
- Write a linear function using any two function values.

Vocabulary: point-slope form

Use hard textbook pgs. 197-198 Students work on the following problems:

Assignment Guide

Level	Exercises
Emerging	1, **3**, 5, 7, **9**, 11, **13**, 14, 15, **19**, 22, 23, 25, 26, **27**, 29, 32
Proficient	2, **4**, 6, 8, **10**, 12, 14, 15, **16**, 20, 22, **24**, 25, 26, **27**, 28, 29, 30, 32, 33

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Monday - Warmup complete pg 63 # 9-13 and review as notes today.

9. $f(5) = -1.5,\ f(-7) = 4.5$

10. $f(-1) = 2,\ f(3) = 3$

In Exercises 11 and 12, tell whether the data in the table can be modeled by a linear equation. Explain. If possible, write a linear equation that represents *y* as a function of *x*.

11.

x	−3	−1	0	1	3
y	−110	−60	−35	−10	40

12.

x	−3	−1	0	1	3
y	−98	18	8	62	142

13. You want to order invitations for a school dance. A company charges $11.00 for the first 10 invitations and $8.50 for each additional 10 invitations.

a. Write an equation that represents the total cost (in dollars) of the invitations as a function of the number (in tens) of invitations ordered.

b. Find the total cost of 200 invitations.

Monday HOMEWORK - Emerging problems listed in table above and finish for homework

Tuesday - Review emerging problems from last night by entering into dynamic classroom online
Assign the Proficient problems and finish for homework - do on paper

Wednesday - Use online book/dynamic classroom for students to enter answers from the proficient level to review

- Complete pages BLACK practice book pgs62 & 64 on self assessment

Thursday - Assign handout: 4.1 & 4.2 PUZZLE time worksheet to review for the test

Friday - TEST on sections 4.1 Slope intercept form and 4.2 Point Slope Form