

## Algebra 2 Lesson 1.3: Modeling with Linear Functions

**Essential Question:** How can you use a linear function to model and analyze a real-life situation?

<b>Lesson Objective(s):</b> Students will write equations of linear functions using points and slopes. Students will find lines of fit and lines of best fit.	<b>CC State Standards</b>	<b>CC Mathematical Practice Focus</b>
<b>Previous Learning:</b> This lesson reviews writing linear functions using the slope-intercept form and point-slope form, both topics from Algebra 1.	HSA-CED.A.2	MP1, MP3, MP4,
<b>New Vocabulary:</b> line of fit, line of best fit, correlation coefficient	HSF-IF.C.9	MP6
<b>Previous Vocabulary:</b> slope, slope-intercept form, point-slope form, scatter plot	HSF-BF.A.1a	
<b>Materials for Teacher:</b> none	HSF-LE.A.2	
<b>Materials for Students:</b> graph paper, Internet resources, spreadsheets, graphing calculators	HSS-ID.B.6a	

Recap of last week: Student absent 2 days Monday and Thursday. Student watched and completed video from Tuesday but struggled with Puzzletime 1.1 and 1.2 to material

**9/25**      **Monday: Section 1.3** Complete the Student Journal pg. 13-17 with Mrs. Pletcher as notes and examples.

**Tuesday:** Watch and copy down the video examples onto slide show from bigideasmath.com app

**Wednesday:** Complete Practice A worksheet

**Thursday:** Do online assignment 1.3 using textbook pg. 26-27 # 3-7, 11-14, 20-22

**Friday:** Complete the Puzzletime 1.3 Worksheet as Quiz