

SAT Math - Lesson Plan

George

2023 Summer

1 Class Details

- **Course Name:** SAT Math
- **Lesson Topic:** 1. Perpendicular, Parallel line with slope
2. basic trigonometry
- **Date:** Monday, July 10, 2023
- **Time:** 9:00am - 10:30am (90 minutes)

2 Objectives

By the end of this lesson, students should be able to:

- Understand and explain the concept of parallel and perpendicular lines
- Apply the relationship between the lines with slope
- Understand sin, cosine, tangent

3 Materials Required

- CLASS 10, INTRO TO TRIGONOMETRY.ppt
- parallel and perpendicular lines.ppt
- Parallel and Perpendicular Practice.pdf

- class Practice: sat 2022-03-us 3.17,4.12,4.36(x-intercept)
- class Practice: sat 2022-03-as 3.6(tan)

4 Students

- Peter

5 Future Plan

- exponential function
- exponential rules
- congruent shapes
- box-whisker plot
- TRIGONOMETRY of any angles

6 Plan Completion

- Understand and explain the concept of parallel and perpendicular lines
- Apply the relationship between the lines with slope

Left for next class:

- Understand sin, cosine, tangent