EaD Comprehensive Lesson Plans

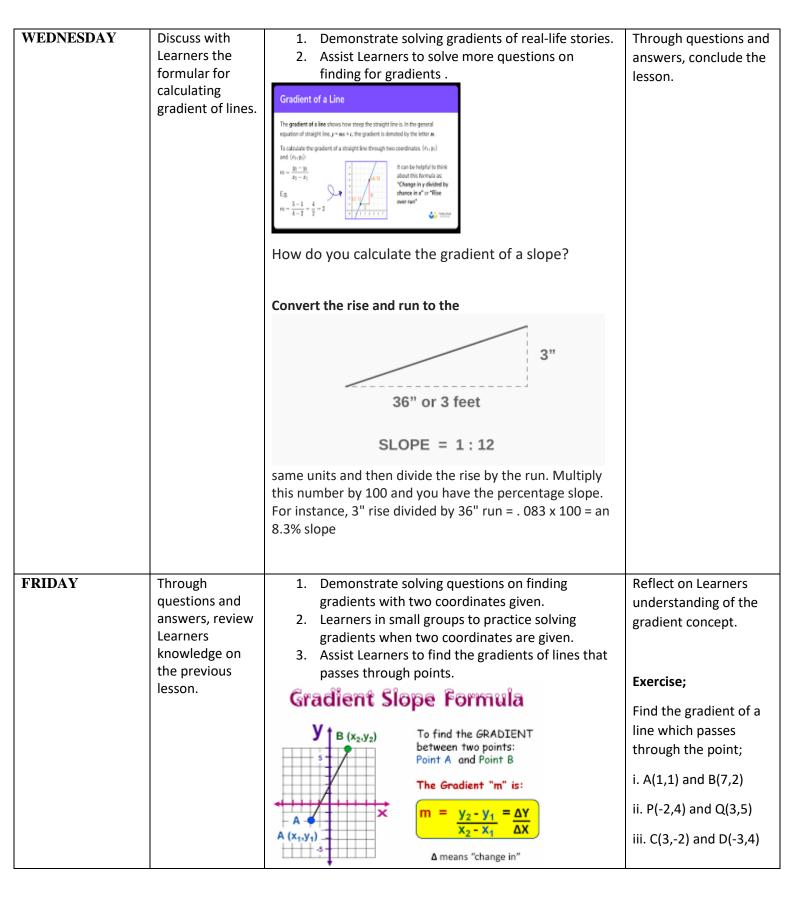
Strand:	Algebra	Sub-Strand:	Patterns and Relations

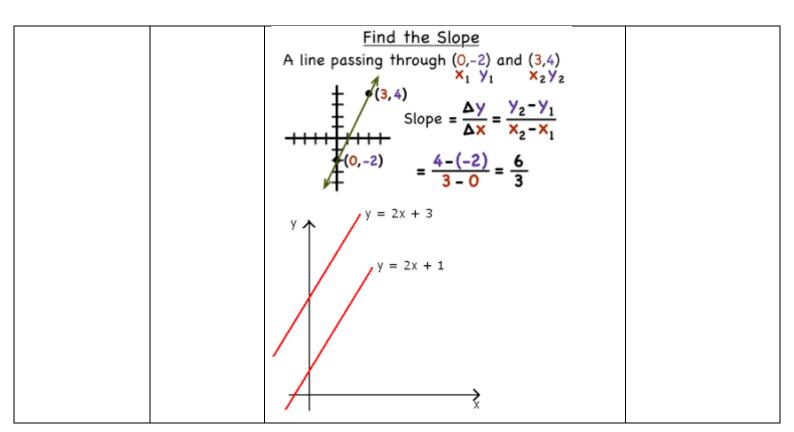


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BASIC 8
WEEKLY LESSON PLAN – WEEK 6

Content Standard: Indicator (s) Week Ending Class Subject Reference	B8.2.1.1 Demonstrate the ability to draw table of values for a linear relation, graph the relation in a number plane, determine the gradient of the line and use it to write equation of a line of the form y = mx + c. B8.2.1.1.2 1 Calculate the gradient of a line and use it to write equation of a line of the form y = mx + c. Performance Indicator Learners can calculate the gradient of lines. 18-10-2024 B.S.8 Class Size: Duration: Mathematics Mathematics Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.						
Teaching / Learning Resources DAY/DATE	Poster, Pictures, V PHASE 1:	understar concept a or situation				rate a thorough ading of a generalized and facts specific to task on PHASE 3:	
MONDAY	Using a Poster showing the steepness slope of hills, roof of buildings, climbing a ladder, explain the concept of gradient.	1. Discuss with learners 5 real life examples of gradients. 2. Learners in small groups discuss to discover the practical meaning of gradient. 3. Assist Learners to explain the types of gradients. Gradient; the rate of change with respect to distance of a variable quantity, as temperature or pressure, in the direction of maximum change. a curve representing such a rate of change real-life applications of slope; including roofs, roads, handicap ramps, funiculars, cable cars, mountains for skiing, downhill cycling, and snowboarding/dirt boarding, roller coasters, skate ramps, and BMX jumps Types of Gradient Slope There are four types of "Gradient" or "Slope" There are four types of "Gradient" or "Slope"					REFLECTION Summarize the lesson. Exercise; 1. State the types of gradients. 2. Explain 2 types of gradients. Write 2 real life examples of gradients.





Name of Teacher: School: District: