Lesson Plan

Subject	Mathematics
Class/ Section	Year 7 A to F
Week	**19ᵗʰ September to 23ʳᵈ September**
Work send to students by	**Google classroom**
Total number of lessons per week	**5**
Unit/Topic	**3.1- Simplifying algebraic expressions** **3.2- Writing algebraic expressions**
Key Vocabulary	Algebraic expression, term, like term

Lessons 1,2,3,4 & 5 –Live Zoom lesson along with face to face instruction for students present on a particular day **Work will be assigned in google classroom which will be matched to the students ability.**	<u>**Specific Learning objectives**</u> • Simplify expressions by collecting like terms. • Construct expressions from worded descriptions, using addition, subtraction, multiplication and division. <u>**Specific Intended Learning Outcomes**</u> By the end of the lessons students will be able to: • Simplify simple linear algebraic expressions by collecting like terms. • Construct expressions from worded descriptions, using addition, subtraction and multiplication.
Tasks/Activities	Teacher would introduce how to represent an unknown number with a letter and draw out how an algebraic expression of the form 3a + 4a might be simplified. Extend to simplifying more complex expressions by collecting like terms. Complete the questions assigned from the text book in the notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning. .
Assessment Criteria/ Essential questions	Match the equivalent expressions. $2x$ $4x - 3x$ $x \times x$ x $3x + 4x$ $x + x$ $4x^2$ $3x$ $2x \times 2x$ x^2 $x \times 2x$ $7x$ $\dfrac{9x}{3}$ $2x^2$ Edward is m years old. Write expressions for the ages of each of these people. a Laila is 4 times as old as Edward. b Maggie is 5 years older than Edward. c Ami is 6 years younger than Edward. d Iman is half the age of Edward. e Rashid is 5 years older than twice Edward's age. f Ruth is 3 years less than 5 times Edward's age.

	Assessment objectives with respect to the above question are listed below. AO1-Use and interpret notation correctly. AO2- Construct chains of reasoning to achieve a given result AO3- Interpret results in the context of the given problem.
Resources	PPT Textbook Delta 1 Assignment.