Lesson Plan for Week 10: Nov. 3- 7 Grade: 9 A & B Course / Code: MTHW1 Teacher: Ali Jama

	Monday	Tuesday	Wednesday	Thursday
Unit/ Lesson Big Ideas	**Unit 2: Algebra** Solving Linear relations – Relations between two variables	**Unit 2: Number** Solving Linear relations – Relations between two variables	**Unit 2: Algebra** Solving Linear relations – Relations between two variables	**Unit 2: Algebra** Solving Linear relations – Relations between two variables
Overall Expectations	**C3. Application of Relations** represent and compare linear and non-linear relations that model real-life situations, and use these representations to make predictions	**C3. Application of Relations** represent and compare linear and non-linear relations that model real-life situations, and use these representations to make predictions	**C3. Application of Relations** represent and compare linear and non-linear relations that model real-life situations, and use these representations to make predictions	**C3. Application of Relations** represent and compare linear and non-linear relations that model real-life situations, and use these representations to make predictions
Specific Expectations	C3.2 represent linear relations using concrete materials, tables of values, graphs, and equations, and make connections between the various representations to demonstrate an understanding of rates of change and initial values	C3.2 represent linear relations using concrete materials, tables of values, graphs, and equations, and make connections between the various representations to demonstrate an understanding of rates of change and initial values	C4.4 determine the equations of lines from graphs, tables of values, and concrete representations of linear relations by making connections between rates of change and slopes, and between initial values and y-intercepts, and use these equations to solve problems	C4.4 determine the equations of lines from graphs, tables of values, and concrete representations of linear relations by making connections between rates of change and slopes, and between initial values and y-intercepts, and use these equations to solve problems
Learning Goals	Linear and Non-linear relations	Direct variation Partial variation	Rate of change, slope first difference	Equivalent relations
Success Criteria				
Instructional Strategies	Lecture on the difference between linear and non-linear	Lecture on direct and partial variation relations. Related examples will be analyzed and solved..	Lecture on rate of change, slope and first difference. Students will learn how they are related	.Lecture on the different forms of the equation of a line. Related examples will be analyzed and solved.
Assessment & Evaluation	Class work [AFL]	Class work [AFL]	Class work [AFL]	Class work [AFL]
Homework / Class Work	Practice question 147-148 Textbook.	Practice question 151 Textbook. .	Practice question 156-157 Textbook. .	Practice question 169-170 Textbook. .
Materials & Resources	Nelson Principles of Mathematics 9	Nelson Principles of Mathematics 9	Nelson Principles of Mathematics 9	Nelson Principles of Mathematics 9