**Unit Intended Learning Outcomes**

*Subunit Topic: How to determine if linear relationship exists*

* Students will be able to calculate their walking rates and describe the pattern of change occurring (knowledge)
* Students will be able to identify the information the variables and numbers represent to determine a linear relationship (knowledge, application)
* Given an equation, table or graph, students will be able to explain if the relationship is linear and why (evaluation)

*Subunit Topic: Tools to show linear relationships*

* Students will be able to construct tables, graphs and equations to represent patterns of change (application)
* Students will be able to develop an equation to represent a linear relationship (application)
* Students will be able to compare the solutions to an equation by using a table and/or graph (evaluation)

*Subunit Topic: Connections*

* Students will be able to identify the y-intercept on a table, graph and equation (knowledge)
* Students will be able to determine the connection between a table and graph to identify the rate of change and y-intercept (knowledge)
* Students will be able to use the graph, tables or equations to solve real life problems (application)
* Students will be able to show the connection of why the starting point is the same as the y-intercept and rate of change as the slope (analysis)

*Subunit Topic: Solving*

* Students will be able to identify the point of intersection (knowledge)
* Students will be able to determine solutions to a problem using a table, graph and equation (application)
* Students will be able to develop strategies to solve linear equations (application)
* Students will be able to demonstrate properties of equalities to solve equations (application)
* Students will be able to explain what information the point of intersection tells about the linear relationship (analysis)