*Learning Targets for Unit 1 Linear Equations*

**Overall Learning Target #1: “I can investigate linear equations and use my knowledge to solve problems.”**

**Learning Target #1A:** “I can interpret the slope, the y-intercept, and the x-intercept of a linear equation.” A-SSE-1.b, F-IF-4., F-IF-7.

**Learning Target #1B:** “I can calculate and interpret the rate of change in all four representations.” F-IF-6.

**Learning Target #1C:** “I can create the equation of a line.” A-CED-2.

**Learning Target #1D:** “I can graph equations on coordinate axes with labels and scales.” A-CED-2., F-IF-4., F-IF-7a.

**Learning Target #1E:** “I can understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane.” A-REI-10.

**Learning Target #1F:** “I can interpret a solution as viable or non-viable within context.” A-CED-4., F-IF-5

**Learning Target #1G:** “I can explain the concepts of functions, domain, and range.” F-IF-1.

**Learning Target #1H:** “I can use function notation and evaluate functions.” F-IF-2.

*Learning Target Scores*

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| **LTs** | **Formative Assessments** | | | | | | **Summative Assessment** | |
|  | Check In #1 | | Check In #2 | | Check In #3 | |  | |
|  | Score | Evidence | Score | Evidence | Score | Evidence | Score | Evidence |
| **#1A:** |  |  |  |  |  |  |  |  |
| **#1B:** |  |  |  |  |  |  |  |  |
| **#1C:** |  |  |  |  |  |  |  |  |
| **#1D:** |  |  |  |  |  |  |  |  |
| **#1E:** |  |  |  |  |  |  |  |  |
| **#1F:** |  |  |  |  |  |  |  |  |
| **#1G:** |  |  |  |  |  |  |  |  |
| **#1H:** |  |  |  |  |  |  |  |  |

*Learning Target Intentional Practice*

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| **LTs** | **Practice Problems**  **Circle the ones you have completed** | **Parent Guide** |
| **#1A:** | CL 1-84, 2-21, 2-41, 2-44, 2-48, 2-49, 2-61, 2-65, 2-67, 2-70, 2-74, 2-84, 2-85 | Ch 2.1.2 – 2.1.4 Slope-A Measure of Steepness  Ch 2.3.1 Writing an Equation Given Slope and a Point of the Line  Ch 2.3.2 Writing an Equation Given 2 Points |
| **#1B:** | 1-6, CL 1-84, 2-24, 2-34, 2-42, 2-49, 2-61, 2-63, 2-71, 2-90, 2-94 |
| **#1C:** | 2-6, 2-22, 2-31, 2-33, 2-48, 2-49, 2-51, 2-59, 2-61, 2-65, 2-73, 2-82, 2-91, 2-93, 2-94 |
| **#1D:** | 2-32, 2-33, 2-41, 2-49, 2-62, 2-64, 2-84, 2-86 |
| **#1E:** | 2-32, 2-74 |
| **#1F:** | 1-80, 2-23, 2-43 |  |
| **#1G:** | 1-78, 1-81, 2-9, 2-23, 2-31, 2-35, 2-52 | Ch1.2.4 – 1.2.5 Functions |
| **#1H:** | 1-4, 1-22, 1-57, 1-68, 1-70, 1-80, CL 1-90 |

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| **Review Problems**:  Pre-Alg: Order of Operations: CL 1-83, 2-92, CL 2-110  Simplifying Expressions: 1-7, 1-17, CL 1-89, 2-72  Evaluating Expressions: 1-8, 1-14, 1-20, 2-7 |

POM**:**

Digging Dinosaurs

MARS Task**:**

2005 Vacations

Khan Academy Skills**:**

Linear Equations and Graphs

Linear Word Problems

Functions

Math Notes**:** Functions, Slope of a Line, Writing the Equation of a Line, x- and y-intercepts, Ch 3 Linear Equations from Slope and/or Points, Ch 4 Forms of a Linear Function

Unit 1 Growth Mindset Mantra: Everyone Can Learn!

What does this quote mean to you?

How are you specifically going to improve this unit?