Here are some ideas to work on translating real-world situations into linear functions:

1. Video: Khan Academy: Ex: Constructing a function: <https://www.khanacademy.org/math/trigonometry/functions_and_graphs/function_introduction/v/basic-linear-function>
2. Video: Virtual Nerd: How do you solve a word problem using a function? <http://www.virtualnerd.com/pre-algebra/linear-functions-graphing/functions/definitions-notation/word-problem-solution-example>

**Here are some ideas to work on rate of change and initial value:**

1. 1) Video: How do you write an equation of a line in slope-intercept form if you have two points?

<http://www.virtualnerd.com/common-core/grade-8/8_F-functions/B/4/slope-intercept-from-twopoints>

1. 2) Video: How do you write an equation of a line in slope-intercept form if you have a graph?

<http://www.virtualnerd.com/common-core/grade-8/8_F-functions/B/4/slope-intercept-line-fromgraph>

1. 3) Video: How do you write an equation of a line in slope-intercept form if you have a table?

<http://www.virtualnerd.com/common-core/grade-8/8_F-functions/B/4/slope-intercept-line-fromtable>

Here are some ideas to work on distance-time graphs:

1. Video: Khan Academy: Interpreting a graph exercise example: <https://www.khanacademy.org/math/algebra/algebra-functions/graphing_functions/v/interpreting-a-graph-exercise-example>
2. Website: [www.graphingstories.com](http://www.graphingstories.com)

Here are some ideas to work on matching distance-time graphs:

1. Video: Khan Academy: Constructing a linear function word problem: <https://www.khanacademy.org/math/algebra/linear-equations-and-inequalitie/analyzing-functions-algebra/v/constructing-a-linear-function-word-problem>
2. Video: Learn Zillion: Compare two linear relations: <http://learnzillion.com/lessons/1841-compare-two-linear-relations>