

## Discovering STEM Program

### Kit name: Forklifts & Freight (Grade: Algebra 1)

**Description:** Congratulations on your new job as a forklift operator! Impress your boss by showing how you can move freight in the most efficient way. Use tables, graphs, and equations to help organize your work.



### Alignment for Forklifts & Freight (Grade: Algebra 1)

To the Common Core State Standards Mathematics <http://www.corestandards.org>

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This kit addresses the following standards:

- A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
- A.REI.10 Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line).
- F.BF.1 Write a function that describes a relationship between two quantities.
- F.BF.1a Determine and explicit expression, a recursive process, or steps for calculation from a context.
- F.LE.1b Recognize situations in which one quantity changes at a constant rate per unit interval relative to another.

When reserving kits, please be sure to:

- **Return** the filled out reservation form
- **Review** required kit materials prior to event
- **Return** evaluation forms
- **Replace** consumables