

***LineUp With Math™* Alignment**
Texas Essential Knowledge and Skills (TEKS) for Mathematics
§111.32 Algebra I

(c) Linear functions

(2) The student understands the meaning of the slope and intercepts of linear functions and interprets and describes the effects of changes in parameters of linear functions in real-world and mathematical situations.

**Knowledge and Skills
and Performance Descriptions**

(G) The student relates direct variation to linear functions and solves problems involving proportional change.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Identify and resolve distance, rate, time conflicts in air traffic control problems by varying plane speeds or changing plane routes.