

**LineUp With Math™ Alignment
Mathematics Curriculum Standards
Content Standards**

NUMBER AND OPERATIONS

Standard II. Understand meanings of operations and how they relate to one another.

Expectation C. Identify and use relationships between operations, such as division as the inverse of multiplication to solve problems.

<p>2. Solve multiplication problems such as rates and applications of the Fundamental Counting Principle.</p>	<p>LineUp With Math™ Activities</p> <p>--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.</p>
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ALGEBRA

Standard IV. Analyze change in various contexts.

Expectation A. Investigate how a change in one variable relates to a change in a second variable.

<p>1. Describe the relationship among distance, speed, and time.</p>	<p>LineUp With Math™ Activities</p> <p>--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.</p> <p>--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.</p>
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MEASUREMENT

Standard II. Apply appropriate techniques, tools, and formulas to determine measurements.

Expectation B. Select and apply appropriate standard units and tools to measure length, area, volume, weight, time, temperature, and the size of angles.

<p>2. Determine an amount of elapsed time in hours, minutes, and seconds within a 24-hour period.</p>	<p>LineUp With Math™ Activities</p> <p>--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.</p>
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