

<b>Smart Skies</b>			
<b>2007 Mathematics</b>			
<b>Next Generation Sunshine State Standards</b>			
<b>Florida Mathematics</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	FL	MA.5.MA.5.A.4. 2	Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time.
Fly by Math	FL	MA.5.MA.5.S.7. 1	Construct and analyze line graphs and double bar graphs.
Line Up with Math	FL	MA.5.MA.5.A.4. 2	Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time.
<b>Smart Skies</b>			
<b>2007 Mathematics</b>			
<b>Next Generation Sunshine State Standards</b>			
<b>Florida Mathematics</b>			
<b>Grade 6</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	FL	MA.6.MA.6.S.6. 2	Select and analyze the measures of central tendency or variability to represent, describe, analyze and/or summarize a data set for the purposes of answering questions appropriately.
<b>Smart Skies</b>			
<b>2007 Mathematics</b>			
<b>Next Generation Sunshine State Standards</b>			
<b>Florida Mathematics</b>			
<b>Grade 7</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	FL	MA.7.MA.7.S.6. 2	Construct and analyze histograms, stem-and-leaf plots, and circle graphs.
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<b>2007 Mathematics</b>			
<b>Next Generation Sunshine State Standards</b>			
<b>Florida Mathematics</b>			
<b>Grade 8</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	FL	MA.8.MA.8.A.1. 1	Create and interpret tables, graphs, and models to represent, analyze, and solve problems related to linear equations, including analysis of domain, range and the difference between discrete and continuous data.
Fly by Math	FL	MA.8.MA.8.G.2. 4	Validate and apply Pythagorean Theorem to find distances in real world situations or between points in the coordinate plane.

Fly by Math	FL	MA.8.MA.8.S.3. 1	Select, organize and construct appropriate data displays, including box and whisker plots, scatter plots, and lines of best fit to convey information and make conjectures about possible relationships.
Line Up with Math	FL	MA.8.MA.8.G.2. 4	Validate and apply Pythagorean Theorem to find distances in real world situations or between points in the coordinate plane.
<b>Smart Skies</b>			
<b>2007 Mathematics</b>			
<b>Next Generation Sunshine State Standards</b>			
<b>Florida Mathematics</b>			
<b>Grades 9-12 (Algebra)</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	FL	MA.9-12.MA.912.A.2. 1	Create a graph to represent a real-world situation.
Fly by Math	FL	MA.9-12.MA.912.A.2. 2	Interpret a graph representing a real-world situation.
Fly by Math	FL	MA.9-12.MA.912.A.3. 8	Graph a line given any of the following information: a table of values, the x- and y-intercepts, two points, the slope and a point, the equation of the line in slope-intercept form, standard form, or point-slope form.
Fly by Math	FL	MA.9-12.MA.912.A.3. 9	Determine the slope, x-intercept, and y-intercept of a line given its graph, its equation, or two points on the line.
Fly by Math	FL	MA.9-12.MA.912.A.3. 10	Write an equation of a line given any of the following information: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line.
Line Up with Math	FL	MA.9-12.MA.912.A.3. 8	Graph a line given any of the following information: a table of values, the x- and y-intercepts, two points, the slope and a point, the equation of the line in slope-intercept form, standard form, or point-slope form.
Line Up with Math	FL	MA.9-12.MA.912.A.3. 9	Determine the slope, x-intercept, and y-intercept of a line given its graph, its equation, or two points on the line.
Line Up with Math	FL	MA.9-12.MA.912.A.3. 10	Write an equation of a line given any of the following information: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line.