

<b>Smart Skies</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	NV	MA.5.3.5.6.1	Determine equivalent periods of time, including relationships between and among seconds, minutes, hours, days, months, and years.
Fly by Math	NV	MA.5.4.5.6.1	Identify, draw, label, and describe planes, parallel lines, intersecting lines, and perpendicular lines.
Fly by Math	NV	MA.5.5.5.1.1	Pose questions that can be used to guide the collection of categorical and numerical data.
Fly by Math	NV	MA.5.5.5.1.2	Organize and represent data using a variety of graphical representations including stem and leaf plots and histograms.
Fly by Math	NV	MA.5.5.5.3.1	Interpret data and make predictions using stem-and-leaf plots and histograms.
Line Up with Math	NV	MA.5.3.5.6.1	Determine equivalent periods of time, including relationships between and among seconds, minutes, hours, days, months, and years.
Line Up with Math	NV	MA.5.4.5.6.1	Identify, draw, label, and describe planes, parallel lines, intersecting lines, and perpendicular lines.
<b>Smart Skies</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grade 6</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	NV	MA.6.3.6.6.1	Use equivalent periods of time to solve practical problems.
Fly by Math	NV	MA.6.4.6.3.1	Using a coordinate plane, identify and locate points.
Fly by Math	NV	MA.6.5.6.1.1	Pose questions that guide the collection of data.
Fly by Math	NV	MA.6.5.6.1.2	Organize and represent data using a variety of graphical representations including circle graphs and scatter plots.
Fly by Math	NV	MA.6.5.6.3.1	Analyze the effect a change of graph type has on the interpretation of a set of data.
Fly by Math	NV	MA.6.5.6.3.2	Interpret data and make predictions using circle graphs and scatter plots.
Line Up with Math	NV	MA.6.3.6.6.1	Use equivalent periods of time to solve practical problems.
Line Up with Math	NV	MA.6.4.6.3.1	Using a coordinate plane, identify and locate points.
<b>Smart Skies</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			

<b>Nevada Mathematics</b>			
<b>Grade 7</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	NV	MA.7.3.7.6.1	Use elapsed time to solve practical problems.
Fly by Math	NV	MA.7.5.7.1.1	Formulate questions that guide the collection of data.
Fly by Math	NV	MA.7.5.7.1.2	Organize, display, and read data using the appropriate graphical representations (with and without technology).
Fly by Math	NV	MA.7.5.7.2.1	Interpret graphical representations of data to describe patterns, trends, and data distribution.
Line Up with Math	NV	MA.7.3.7.6.1	Use elapsed time to solve practical problems.
Line Up with Math	NV	MA.7.4.7.5.1	Determine slope of a line, midpoint of a segment, and the horizontal and vertical distance between two points using coordinate geometry.
<b>Smart Skies</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grade 8</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	NV	MA.8.4.8.5.2	Determine the x- and y- intercepts of a line.
Fly by Math	NV	MA.8.5.8.1.1	Formulate questions and design a study that guides the collection of data.
Fly by Math	NV	MA.8.5.8.1.2	Organize, display, and read data including box and whisker plots (with and without technology).
Line Up with Math	NV	MA.8.2.8.6.1	Describe how changes in the value of one variable affect the values of the remaining variables in a relation.
Line Up with Math	NV	MA.8.3.8.3.1	Identify how changes in a dimension of a figure effect changes in its perimeter, area and volume.
Line Up with Math	NV	MA.8.4.8.5.2	Determine the x- and y- intercepts of a line.
<b>Smart Skies</b>			
<b>2006 Mathematics</b>			
<b>Academic Standards</b>			
<b>Nevada Mathematics</b>			
<b>Grades 9-12</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fly by Math	NV	MA.9-12.3.12.4.1	Interpret and apply consumer data presented in charts, tables, and graphs to make informed financial decisions related to practical applications.
Fly by Math	NV	MA.9-12.4.12.5.2	Identify parallel, perpendicular, and intersecting lines by slope.
Fly by Math	NV	MA.9-12.4.12.5.4	Find possible solution sets of systems of equations whose slopes indicate parallel, perpendicular, or intersecting lines.

Fly by Math	NV	MA.9-12.4.12.8.1	Solve problems by drawing and/or constructing geometric figures to demonstrate geometric relationships.
Fly by Math	NV	MA.9-12.5.12.1.1	Organize statistical data through the use of tables, graphs, and matrices (with and without technology).
Fly by Math	NV	MA.9-12.5.12.3.2	Identify sources of bias and their effect on data representations and statistical conclusions.
Fly by Math	NV	MA.9-12.5.12.3.3	Use the shape of a normal distribution to compare and analyze data from a sample.
Line Up with Math	NV	MA.9-12.3.12.3.1	Select and use appropriate measurement tools, techniques, and formulas to solve problems in mathematical and practical situations.
Line Up with Math	NV	MA.9-12.4.12.5.2	Identify parallel, perpendicular, and intersecting lines by slope.
Line Up with Math	NV	MA.9-12.4.12.5.4	Find possible solution sets of systems of equations whose slopes indicate parallel, perpendicular, or intersecting lines.
Line Up with Math	NV	MA.9-12.4.12.8.1	Solve problems by drawing and/or constructing geometric figures to demonstrate geometric relationships.