

<b>Courage to Soar</b>			
<b>2008 Mathematics</b>			
<b>Grade Level Articulations</b>			
<b>Arizona Mathematics</b>			
<b>Grade 3</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	AZ	MA.3.2.1.PO 2	Formulate and answer questions by interpreting and analyzing displays of data, including frequency tables, single bar graphs, or single line graphs.
Soaring Higher	AZ	MA.3.1.1.PO 2	Compare and order whole numbers through six digits by applying the concept of place value.
Soaring Higher	AZ	MA.3.2.1.PO 2	Formulate and answer questions by interpreting and analyzing displays of data, including frequency tables, single bar graphs, or single line graphs.
The Flight Timeline	AZ	MA.3.1.1.PO 2	Compare and order whole numbers through six digits by applying the concept of place value.
The Flight Timeline	AZ	MA.3.2.1.PO 1	Collect, record, organize, and display data using frequency tables, single bar graphs, or single line graphs.
Having the Right Stuff	AZ	MA.3.1.1.PO 2	Compare and order whole numbers through six digits by applying the concept of place value.
Flying a Styrofoam Plane	AZ	MA.3.4.4.PO 2	Apply measurement skills to measure length, weight, and capacity using US Customary units.
Flying a Styrofoam Plane	AZ	MA.3.4.4.PO 3.a	Convert units of length, weight, and capacity (inches or feet to yards,)
Looking for Answers:A research project	AZ	MA.3.2.1.PO 1	Collect, record, organize, and display data using frequency tables, single bar graphs, or single line graphs.
Looking for Answers:A research project	AZ	MA.3.5.2.PO 8	Make and test conjectures based on data (or information) collected from explorations and experiments.
Controlling the Plane	AZ	MA.3.2.1.PO 1	Collect, record, organize, and display data using frequency tables, single bar graphs, or single line graphs.
<b>Courage to Soar</b>			
<b>2008 Mathematics</b>			
<b>Grade Level Articulations</b>			
<b>Arizona Mathematics</b>			
<b>Grade 4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	AZ	MA.4.2.1.PO 2	Formulate and answer questions by interpreting and analyzing displays of data, including double bar graphs, single line graphs, or circle graphs.

Soaring Higher	AZ	MA.4.1.2.PO 2.a	Use multiple strategies to multiply whole numbers two-digit by two-digit and
Soaring Higher	AZ	MA.4.1.2.PO 2.b	Use multiple strategies to multiply whole numbers multi-digit by one-digit
Soaring Higher	AZ	MA.4.3.3.PO 2	Create and solve one-step equations that can be solved using addition, subtraction, multiplication, and division of whole numbers.
Soaring Higher	AZ	MA.4.5.1.PO 1	Analyze common algorithms for computing (adding, subtracting, multiplying, and dividing) with whole numbers using the associative, commutative, and distributive properties.
The Flight Timeline	AZ	MA.4.1.3.PO 1	Use benchmarks as meaningful points of comparison for whole numbers, decimals, and fractions.
The Flight Timeline	AZ	MA.4.2.1.PO 1	Collect, record, organize, and display data using double bar graphs, single line graphs, or circle graphs.
Having the Right Stuff	AZ	MA.4.1.3.PO 1	Use benchmarks as meaningful points of comparison for whole numbers, decimals, and fractions.
Flying a Styrofoam Plane	AZ	MA.4.4.4.PO 2	Apply measurement skills to measure length, mass, and capacity using metric units.
Flying a Styrofoam Plane	AZ	MA.4.4.4.PO 5	Describe the change in perimeter or area when one attribute (length or width) of a rectangle changes.
Looking for Answers:A research project	AZ	MA.4.2.1.PO 1	Collect, record, organize, and display data using double bar graphs, single line graphs, or circle graphs.
Looking for Answers:A research project	AZ	MA.4.5.2.PO 8	Make and test conjectures based on data (or information) collected from explorations and experiments.
Controlling the Plane	AZ	MA.4.2.1.PO 1	Collect, record, organize, and display data using double bar graphs, single line graphs, or circle graphs.
Controlling the Plane	AZ	MA.4.2.1.PO 3	Use median, mode, and range to describe the distribution of a given data set.
<b>Courage to Soar</b>			
<b>2008 Mathematics</b>			
<b>Grade Level Articulations</b>			
<b>Arizona Mathematics</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	AZ	MA.5.2.1.PO 2	Formulate and answer questions by interpreting and analyzing displays of data, including multi-bar graphs or double line graphs.

Soaring Higher	AZ	MA.5.2.1.PO 2	Formulate and answer questions by interpreting and analyzing displays of data, including multi-bar graphs or double line graphs.
The Flight Timeline	AZ	MA.5.1.1.PO 3	Locate integers on a number line.
The Flight Timeline	AZ	MA.5.1.1.PO 4	Compare and order positive fractions, decimals, and percents.
Having the Right Stuff	AZ	MA.5.1.1.PO 4	Compare and order positive fractions, decimals, and percents.
Having the Right Stuff	AZ	MA.5.5.2.PO 8	Make and test conjectures based on data or information collected from explorations and experiments.
Flying a Styrofoam Plane	AZ	MA.5.4.1.PO 1	Draw and label 2-dimensional figures given specific attributes including angle measure and side length.
Flying a Styrofoam Plane	AZ	MA.5.5.2.PO 8	Make and test conjectures based on data or information collected from explorations and experiments.
Looking for Answers:A research project	AZ	MA.5.2.1.PO 1	Collect, record, organize, and display data using multi-bar graphs or double line graphs.
Looking for Answers:A research project	AZ	MA.5.5.2.PO 8	Make and test conjectures based on data or information collected from explorations and experiments.
Controlling the Plane	AZ	MA.5.2.1.PO 1	Collect, record, organize, and display data using multi-bar graphs or double line graphs.
Controlling the Plane	AZ	MA.5.2.1.PO 2	Formulate and answer questions by interpreting and analyzing displays of data, including multi-bar graphs or double line graphs.
Controlling the Plane	AZ	MA.5.2.1.PO 3	Use mean, median, mode, and range to analyze and describe the distribution of a given data set.