

Courage to Soar			
2006 Mathematics			
Program of Studies			
Kentucky Mathematics			
Grades K-3			
Activity/Lesson	State	Standards	
Kite Flight	KY	MA.K-3.MA-P-NPO-S-NO11	Use mental math, pencil-and-paper methods, calculators and/or computers to explore mathematical concepts and to assist with computation in problem solving situations
Soaring Higher	KY	MA.K-3.MA-P-NPO-S-NO2	Explore and develop an understanding of the concepts of multiplication and division using physical models
Looking for Answers:A research project	KY	MA.K-3.MA-P-DAP-U-2	The collection, organization, interpretation and display of data can be used to answer questions.
Looking for Answers:A research project	KY	MA.K-3.MA-P-DAP-S-DR7	Use technology to organize and display data collected from student investigations
Controlling the Plane	KY	MA.K-3.MA-P-DAP-S-DR4	Display, read and compare data on a pictograph and bar graph
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2006 Mathematics			
Program of Studies			
Kentucky Mathematics			
Grade 4			
Activity/Lesson	State	Standards	
Soaring Higher	KY	MA.4.MA-4-NPO-S-NO1	Develop and apply computational procedures to add, subtract, multiply and divide whole numbers
The Flight Timeline	KY	MA.4.MA-4-DAP-U-2	The collection, organization, interpretation and display of data can be used to answer questions.
Looking for Answers:A research project	KY	MA.4.MA-4-DAP-U-2	The collection, organization, interpretation and display of data can be used to answer questions.
Looking for Answers:A research project	KY	MA.4.MA-4-DAP-S-DR3	Pose questions and choose an appropriate method to collect, organize and display student-collected data to answer the questions
Controlling the Plane	KY	MA.4.MA-4-DAP-S-CD3	Determine the median, mode and range of a set of data
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Grade 5			
Activity/Lesson	State	Standards	

Soaring Higher	KY	MA.5.MA-5-NPO-S-NO1	Develop and apply computational procedures to add, subtract, multiply and divide whole numbers using basic facts and technology as appropriate
Soaring Higher	KY	MA.5.MA-5-DAP-S-DR5	Use a variety of tools (e.g., graph paper, manipulatives, models, computer) to construct data displays (e.g., pictographs, bar graphs, line plots, line graphs, Venn diagrams, tables)
The Flight Timeline	KY	MA.5.MA-5-DAP-U-2	The collection, organization, interpretation and display of data can be used to answer questions.
Looking for Answers:A research project	KY	MA.5.MA-5-DAP-U-2	The collection, organization, interpretation and display of data can be used to answer questions.
Controlling the Plane	KY	MA.5.MA-5-DAP-S-CD3	Determine the mean, median, mode and range of a set of data and use the results to answer questions about the set of data