

Future Flight Design			
2009 Mathematics			
Academic Standards			
Nebraska Mathematics			
Grade 5			
Activity/Lesson	State	Standards	
Air Transportation Problem	NE	MA.5.MA 5.4.1.e	Generate questions and answers from data sets and their graphical representations
Aircraft Design Problem	NE	MA.5.MA 5.2.2.a	Plot the location of an ordered pair in the first quadrant
Future Flight Design			
2009 Mathematics			
Academic Standards			
Nebraska Mathematics			
Grade 6			
Activity/Lesson	State	Standards	
Air Transportation Problem	NE	MA.6.MA 6.4.2.a	Make predictions based on data and create questions to further investigate the quality of the predictions
Aircraft Design Problem	NE	MA.6.MA 6.2.3.a	Perform and describe positions and orientation of shapes under single transformations (translation, rotation, reflection) not on a coordinate plane
Future Flight Design			
2009 Mathematics			
Academic Standards			
Nebraska Mathematics			
Grade 7			
Activity/Lesson	State	Standards	
Air Transportation Problem	NE	MA.7.MA 7.4.1.a	Analyze data sets and interpret their graphical representations
Aircraft Design Problem	NE	MA.7.MA 7.2.2.a	Plot the location of an ordered pair in the coordinate plane
Aircraft Design Problem	NE	MA.7.MA 7.2.3.b	Perform and describe positions and orientation of shapes under a single transformation (e.g., translation, rotation, reflection) on a coordinate plane
Future Flight Design			
2009 Mathematics			
Academic Standards			
Nebraska Mathematics			
Grade 8			
Activity/Lesson	State	Standards	
Aircraft Design Problem	NE	MA.8.MA 8.2.3.b	Perform and describe positions and sizes of shapes under dilations (e.g., scale factor, ratios)