

Seminar on Teaching about East Asia
2008 – Marietta College
Marietta, Ohio

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Teacher Implementation Plan (TIP) **Lesson Plan for China** **Kites**

Purpose: To introduce students to the history of kites, the science of how kites fly, and hands-on, geometry activity of kite making.

Essential Question(s):

- What is the significance of kites in the Chinese culture?
- Why do kites fly?

Grade Level: 6th, 7th & 8th grade

Objectives:

Social Studies:

Students will interpret the world in spatial terms with the use of maps, globes and other geographic tools and distinguish relationships among people, ideas and events.

Science:

Students will demonstrate an understanding of science as a human endeavor encompassing the contributions of diverse cultures and scientists.

Mathematics:

Students will use and apply appropriate techniques and tools to determine measurements while using two dimensional geometric shapes to construct kites.

Standards:

West Virginia

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| • SS.S.6.4 | SS.S.7.4 | SS.S.8.4 |
| • SS.S.6.5 | SS.S.7.5 | SS.S.8.5 |
| • SS.S.6.6 | SS.S.7.6 | SS.S.8.6 |
| • SC.S.6.1 | SC.S.7.1 | SC.S.8.1 |
| • SC.S.6.2 | SC.S.7.2 | SC.S.8.2 |
| • SC.S.6.3 | SC.S.7.3 | SC.S.8.3 |
| • MA.S.6.3 | MA.S. 7.3 | MA.S.8.3 |
| • MA.S.6.4 | MA.S.7.4 | MA.S.8.4 |

Materials Needed:

Cutting Mat

Paper

White Glue

Stapler

Plastic Bag or Crepe Paper

Thread

Craft Knife

Pencil

Ruler

Scoring Tool

Compass

Marker/Colored Pencils/Crayons

Required Time for Project:

Three - 45 minute class periods

Assessment:

“Ticket out the door” questions

Resources:

China Travel Tour Guide. Weifang Kite Festival.

<http://www.china-travel-tour-guide.com/attractions/weifang-kite-festival.shtml>

Compestine, Ying Chang. The Story of Kites. New York, Holiday House, 2003.

Holt, Rinehart & Winston. Pre-Algebra. New York, Harcourt Publishing, 2005.

Hosking, Wayne. Asian Kites. Boston, Tuttle Publishing, 2005.

Kuiming, Ha & Yiqi, Ha. Chinese Artistic Kites. Hong Kong, The Commercial Press, Ltd., 1990.

National Aeronautics and Space Administration, Kite Index,

<http://www.grc.nasa.gov/WWW/K-12/airplane/shortk.html>

Schmidt, Norman. Best Ever Paper Kites. New York, Sterling Publishing Co., Inc., 2003.

Schmidt, Norman. Marvelous Mini-Kites. New York, Sterling Publishing Co., Inc., 1998.

Ward, Alan. Flight & Floating. Tulsa, OK, EDC Publishing, 1981.

West Virginia Department of Education, Content Standards,

<http://wveis.k12.wv.us/nclb/Content/public/cso/popUp.cfm>

Wikipedia, Kite. <http://en.wikipedia.org/wiki/Kite>