

NewsDepth show topic: California Artist Creates Toothpick Sculpture of San Francisco

Classroom Lessons and Activities

Linear Toothpick Sculpture

Subject: Art

Grade: Middle School

Objective: Students will design modular structures using 100 toothpicks

<http://www.princetonol.com/groups/iad/lessons/high/Cyndi-sculpture.htm>

Toothpick Puzzlers

Math: Grades 3-4

Objectives: Students will create math structures out of toothpicks

http://www.teachingk-8.com/archives/integrating_math_in_your_classroom/toothpick_puzzlers_by_michael_naylor.html

Toothpick Geometry

Math: Grades 5-8

Students will use toothpicks to explore the properties of triangles

http://www.powertolearn.com/teachers/lesson_activities/math/CBV.70.S.M.R2.F.pdf

Building with Toothpicks and Marshmallows

Math: Grades 3-6

Using toothpicks, marshmallows, and their imaginations, students create shapes, structures, and more.

<http://www.teachervision.fen.com/geometric-figures/printable/6774.html>

Activity: Discovering Steven Backman's Toothpick Structures

The sculpture of San Francisco is only one of Backman's Structures. Take your students on a pictorial trip of not only San Francisco, but his others.

<http://landmarksofsf.com/photoindex.html>

Interview with Steven

<http://pageslap.wordpress.com/2009/06/23/toothpick-city-by-scott-weaver/>