SCULPTURE PROJECTS FOR YOUNG ARTISTS

COMPLIMENTS OF THE

NATHAN MANILOW SCULPTURE PARK AND THE

CENTER FOR PERFORMING ARTS AT

GOVERNORS STATE UNIVERSITY

Sculpture Projects for Young Artists

Table of Contents

INTRODUCTION TO STYLES OF ART AND SCULPTURE DRAWING CHALLENGE

To prepare for this drawing challenge go to both of the links below for images of all the sculptures in the Nathan Manilow Sculpture Park. Once you've seen all the sculptures, pick one that you want to study and recreate it (or them if you choose multiple sculptures) in any or all of the following ways:

- Using found objects (sticks, rocks, cardboard, wire, straws, pinecones, etc.) to create a 3-dimensional sculpture
- Drawing the sculpture of your choice in the style of Realism, Abstract, Cubism, Art Noveau, Impressionism, Pointillism, to name a few – explanations and examples can be found at https://magazine.artland.com/art-movements-and-styles/
  Using different media to create your artwork such as crayons, pastels, watercolor, colored pencils, etc.

Images of all sculptures can be found at https://www.govst.edu/NMSP-Collection/ and for more images of the sculptures, visit https://www.instagram.com/_thenate_/

Share your creations for fun and to be entered to win four tickets to the Center for Performing Arts' **Lightwire Theatre's** production in November 2020 at any of the following social media:

Tag _thenate_ on IG

nathan.manilow.sculpture.park on facebook

Use hashtag: #thenatechallenge

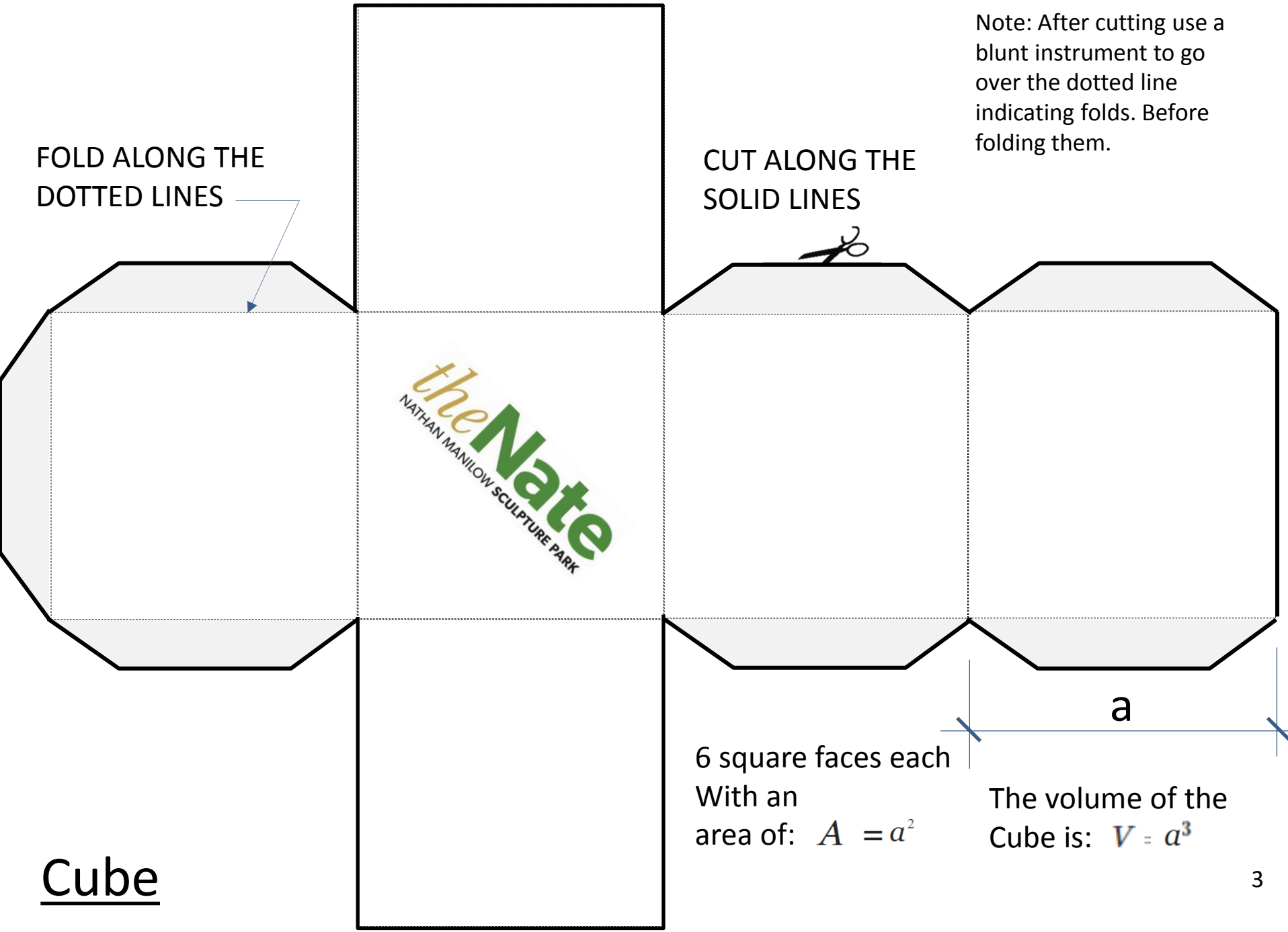
theNate
NATHAN MANILOW SCULPTURE PARK

CUBES AND PRISMS

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES



6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

theNate
NATHAN MANILOW SCULPTURE PARK

Phoenix
(1991)
by
Edvins Strautmanis

a

6 square faces each with an area of: $A = a^2$

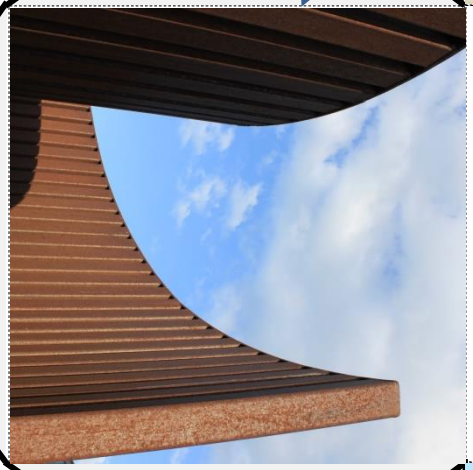
The volume of the Cube is: $V = a^3$

Cube

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES



theNate
NATHAN MANILOW SCULPTURE PARK

Passage
(1998)
by
James
Brenner

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

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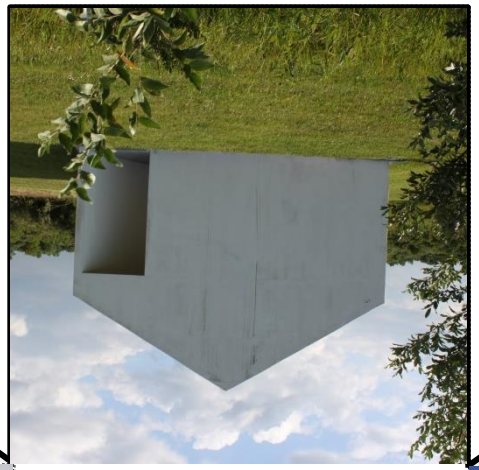
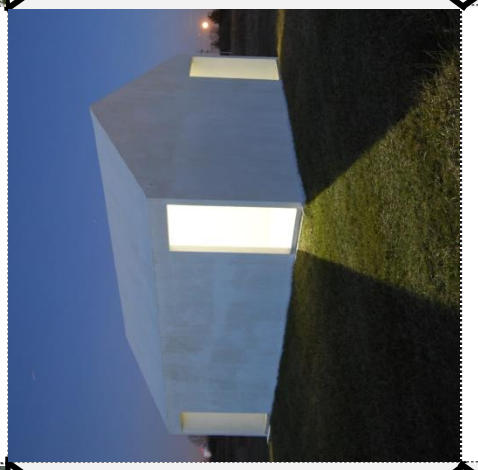
FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES



theNate
NATHAN MANILOW SCULPTURE PARK



House Divided

(1983)
by
Bruce Nauman

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

Cube

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

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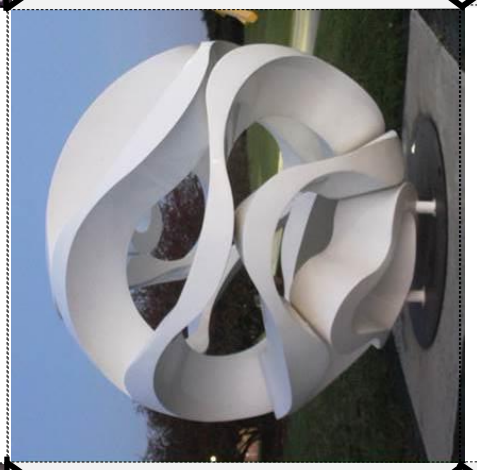
NATHAN MANILOW SCULPTURE PARK



Wind Waves
(2010)
by
Yvonne Domenge

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

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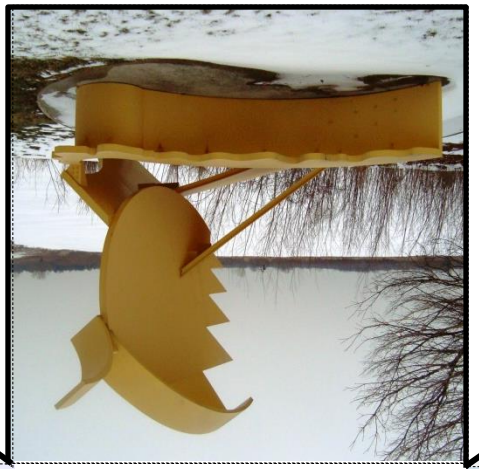

theNate
NATHAN MANILOW SCULPTURE PARK

Falling Meteor
(1975)
by
Jerry Pearle

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

theNate
NATHAN MANILOW SCULPTURE PARK

Butte
(1979)
by
Barry Tinsley

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

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FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

Icarus

(1975)

by

Charles Ginnever

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

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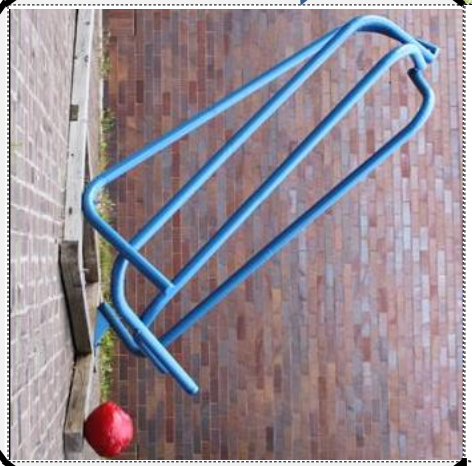

theNate
NATHAN MANILOW SCULPTURE PARK

Forms in Blue
(1977)
by
John Payne

a

6 square faces each
With an
area of: $A = a^2$

The volume of the
Cube is: $V = a^3$

Cube

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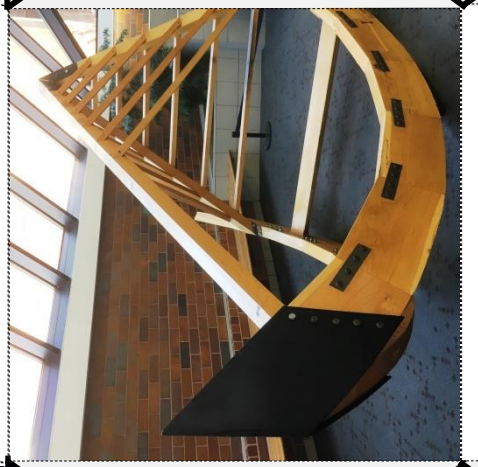


Art Ark

(1981)

by

Terrence Karpowicz

a

6 square faces each
With an
area of: $A = a^2$

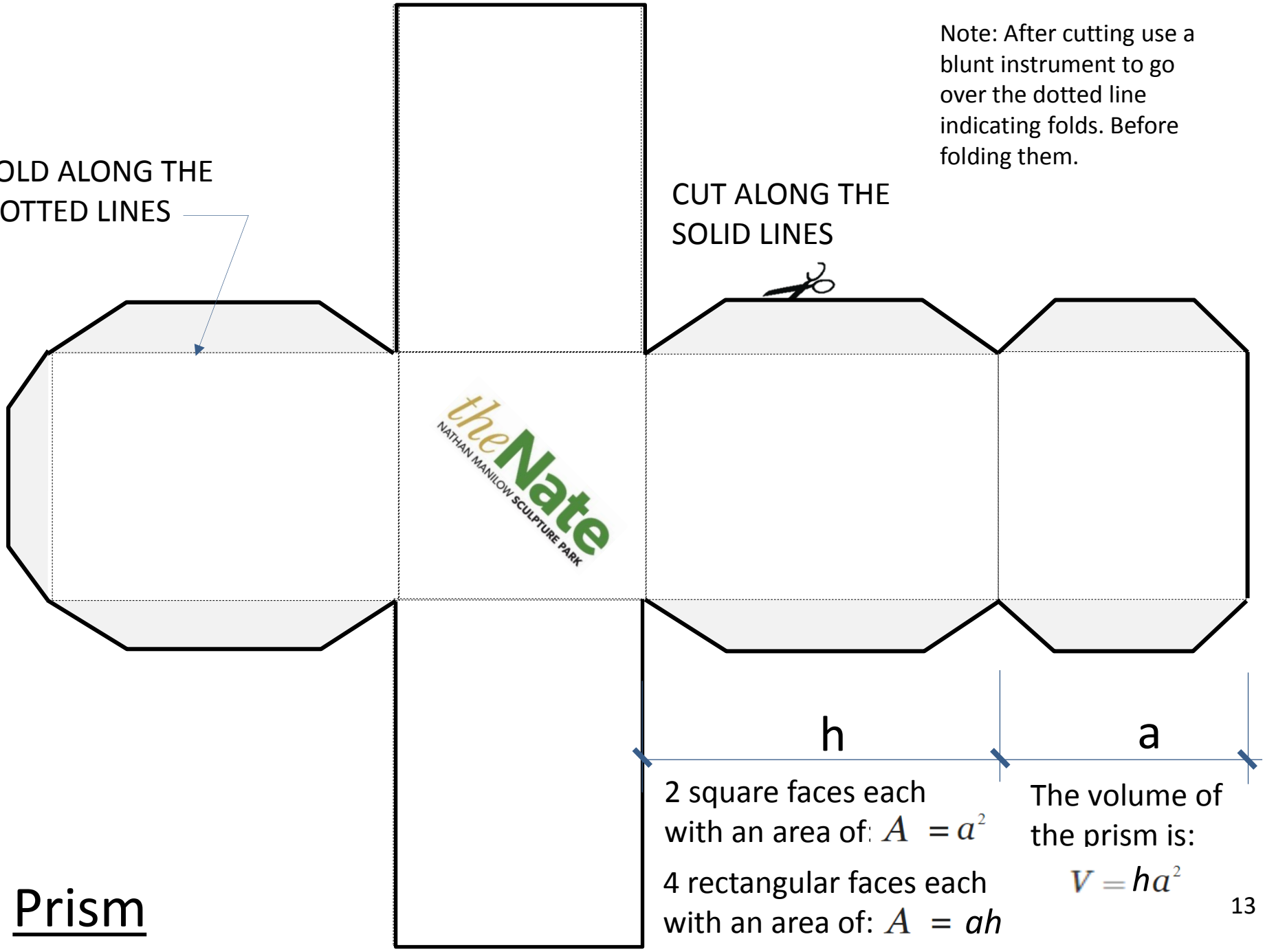
The volume of the Cube is: $V = a^3$

Cube

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES



2 square faces each with an area of: $A = a^2$

4 rectangular faces each with an area of: $A = ah$

The volume of the prism is:

$V = ha^2$

Prism

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

2 square faces each with an area of: $A = a^2$

4 rectangular faces each with an area of: $A = ah$

The volume of the prism is:

$V = ha^2$

Prism

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

theNate
NATHAN MANILOW SCULPTURE PARK

Lanleff-Demeure No.4
(1961)
by
Henri
Etienne -Martin

h

a

2 square faces each with an area of: $A = a^2$

4 rectangular faces each with an area of: $A = ah$

The volume of the prism is:

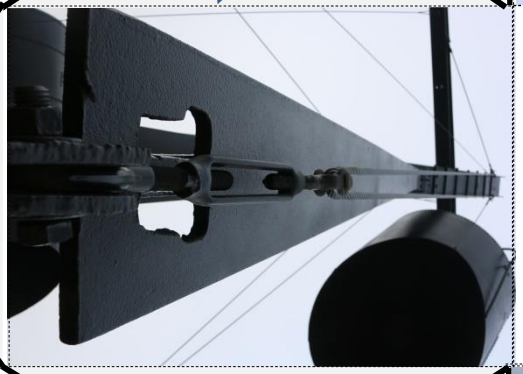
$V = ha^2$

Prism

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES



theNate
NATHAN MANILOW SCULPTURE PARK

Yes! for Lady Day
(1968-69)
by
Mark diSuvero

h

a

2 square faces each with an area of: $A = a^2$

4 rectangular faces each with an area of: $A = ah$

The volume of the prism is:

$V = ha^2$

Prism

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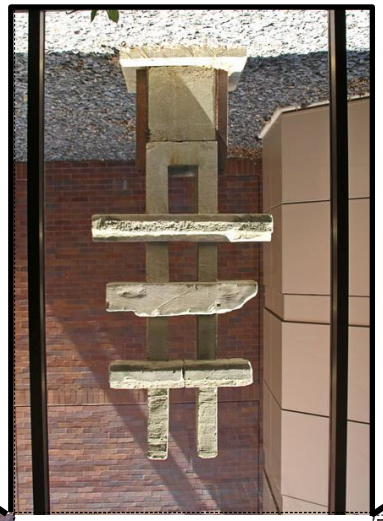
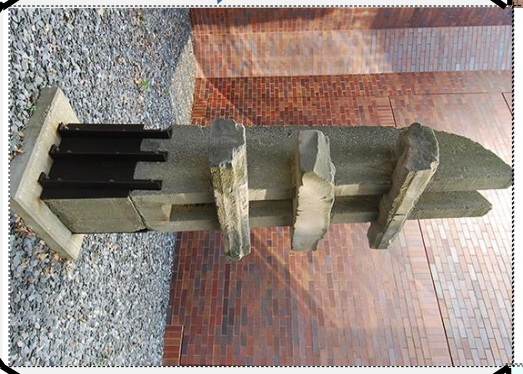
CUT ALONG THE SOLID LINES





theNate
NATHAN MANILOW SCULPTURE PARK

Arc 3
(1963)
by
Mike Baur

h

a

2 square faces each with an area of: $A = a^2$

4 rectangular faces each with an area of: $A = ah$

The volume of the prism is:

$V = ha^2$

Prism

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FOLD ALONG THE DOTTED LINES

CUT ALONG THE SOLID LINES

theNate
NATHAN MANILOW SCULPTURE PARK

Sextant Yoke
(2000)
by
Mike Baur

h

a

2 square faces each with an area of: $A = a^2$

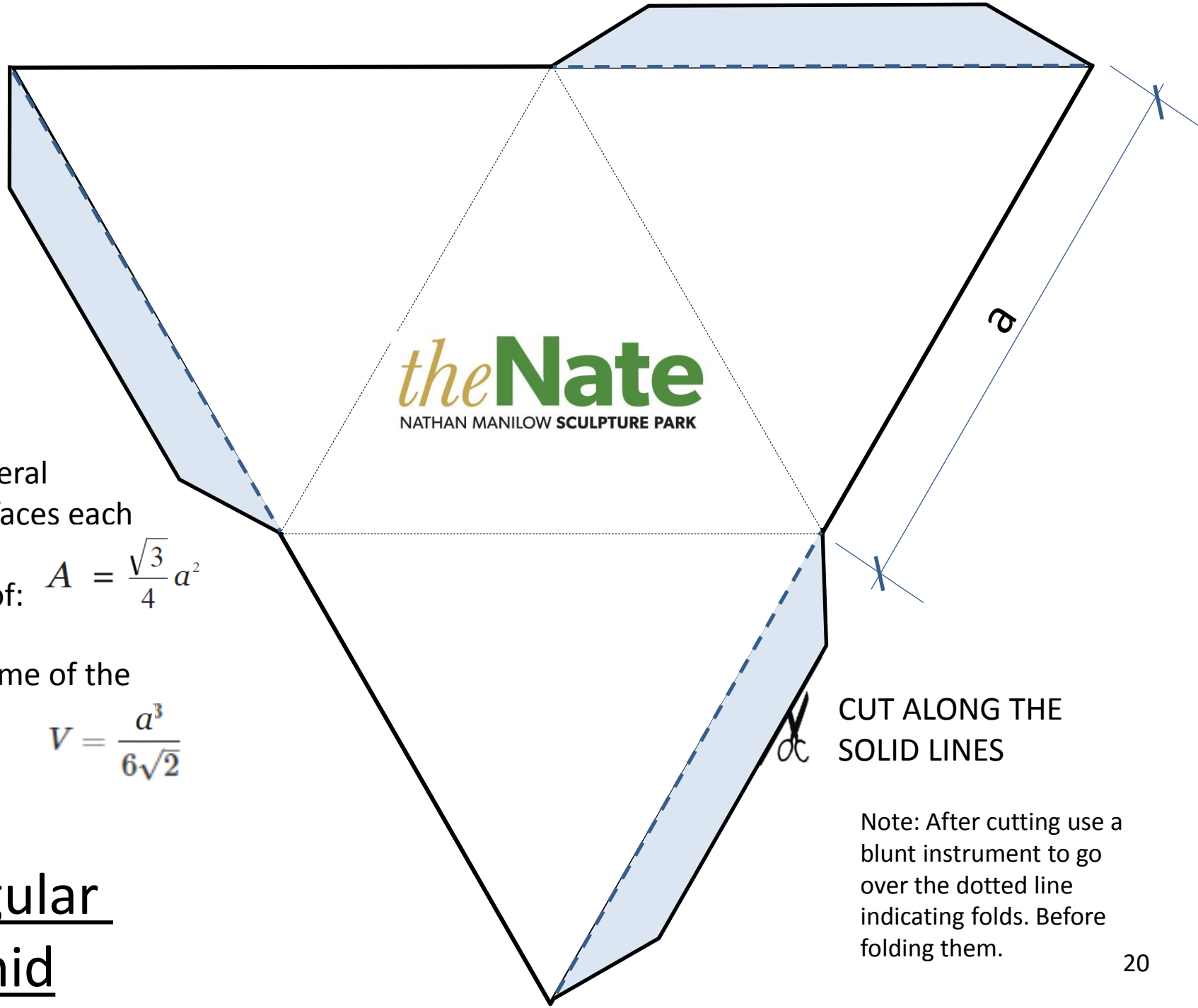
4 rectangular faces each with an area of: $A = ah$

The volume of the prism is:

$V = ha^2$

Prism

PYRAMIDS



4 equilateral triangle faces each with an area of: $A = \frac{\sqrt{3}}{4}a^2$

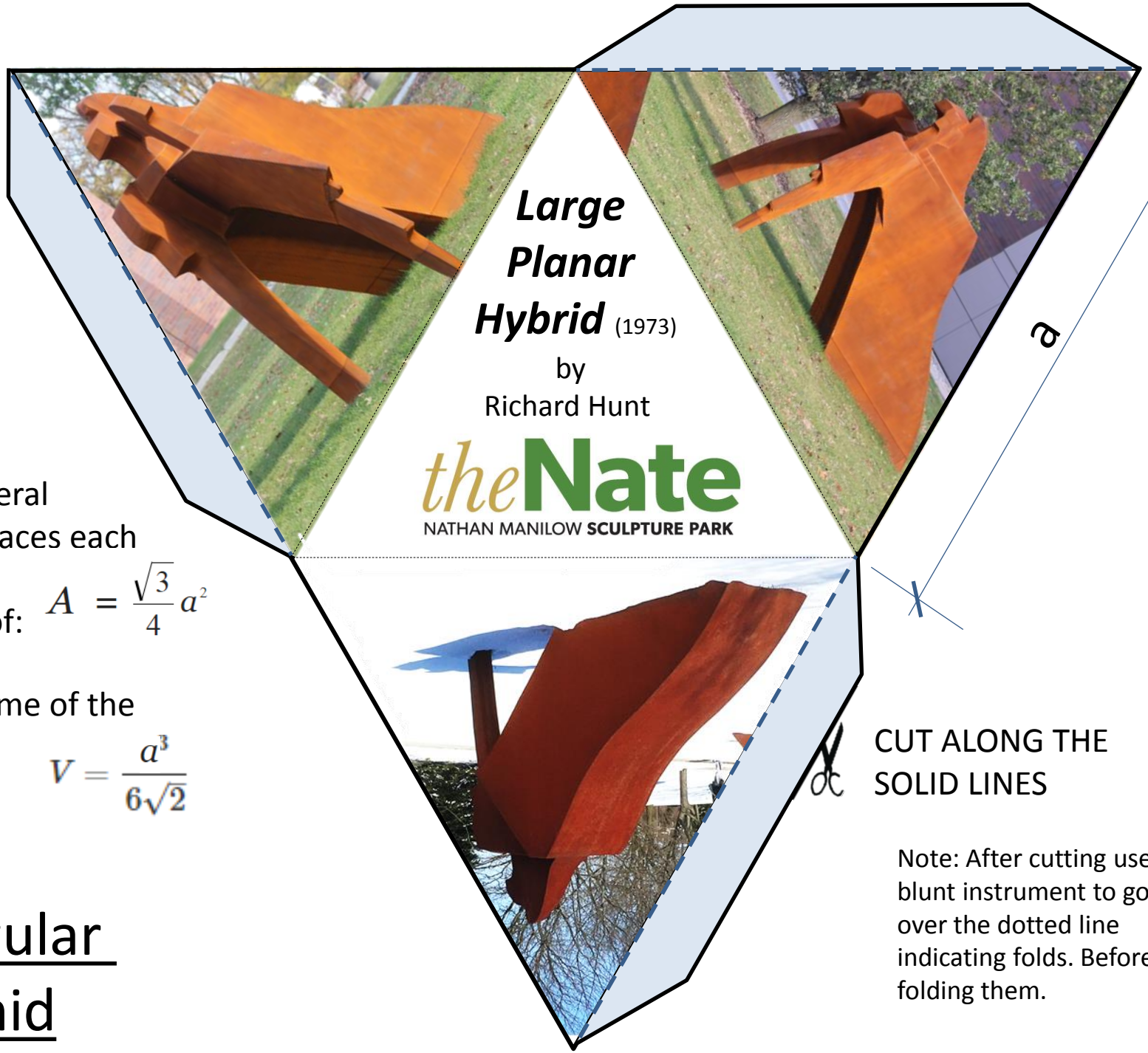
The volume of the Pyramid is: $V = \frac{a^3}{6\sqrt{2}}$

CUT ALONG THE SOLID LINES

Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

Triangular Pyramid

Triangular Pyramid



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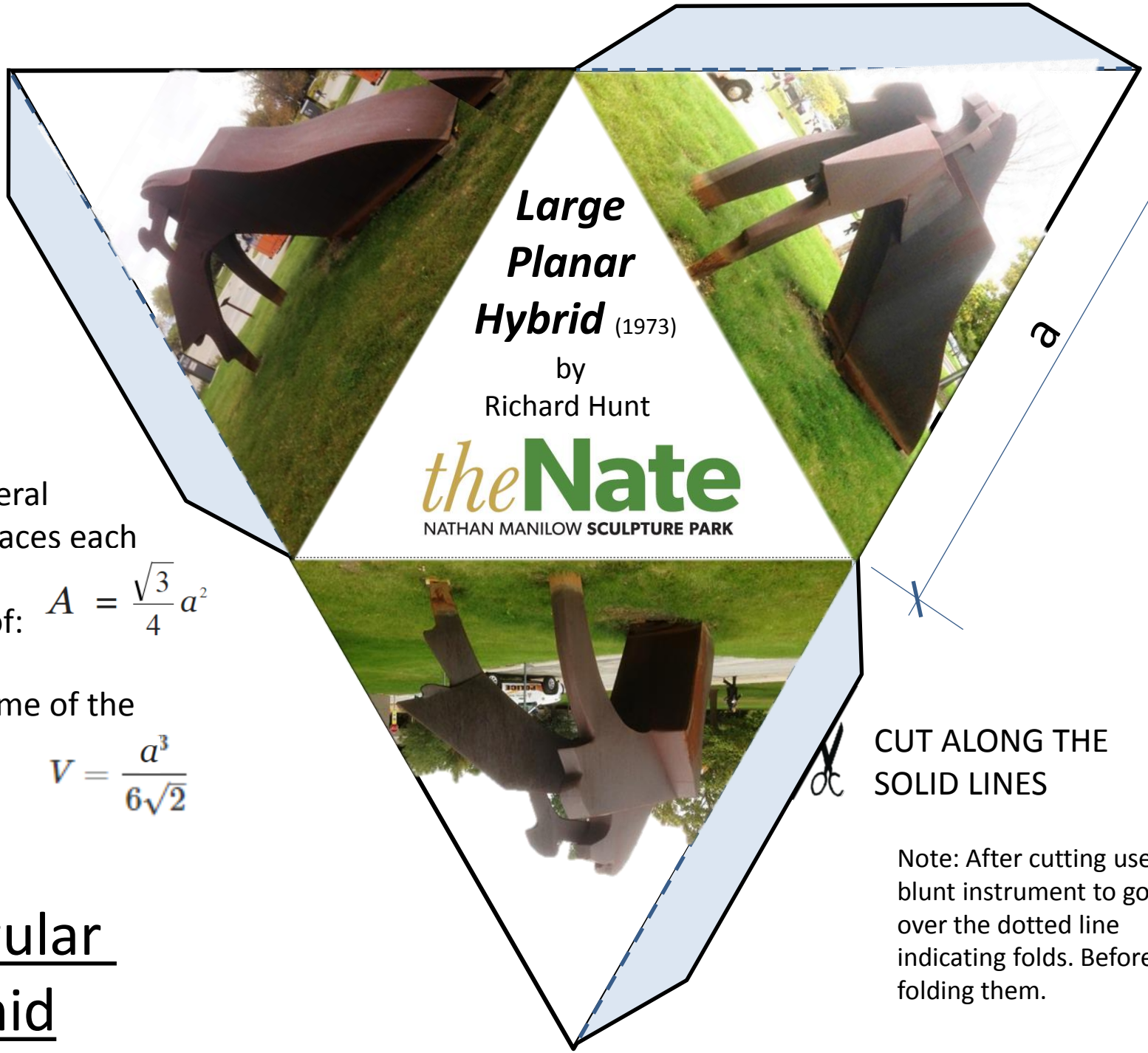

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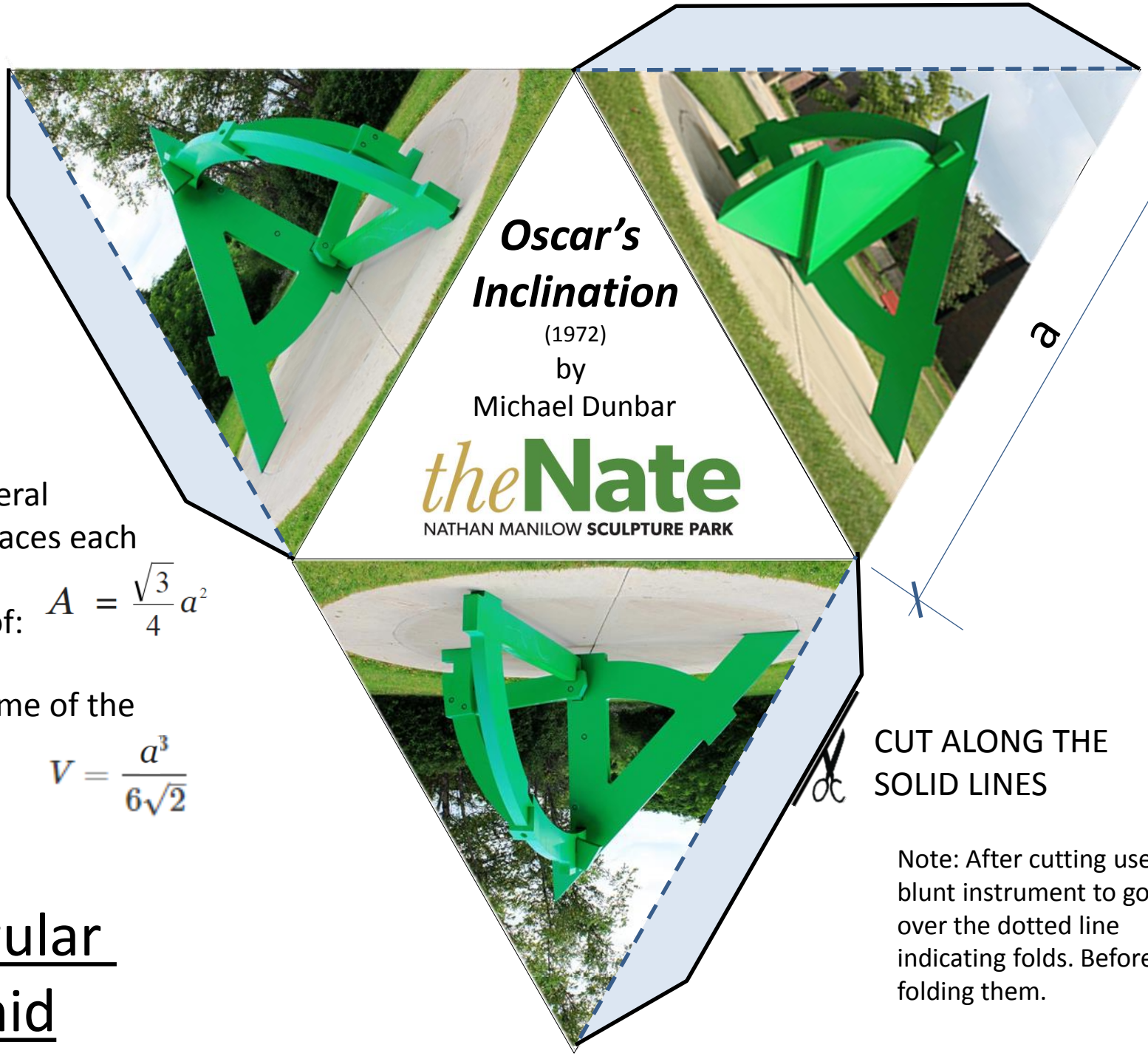

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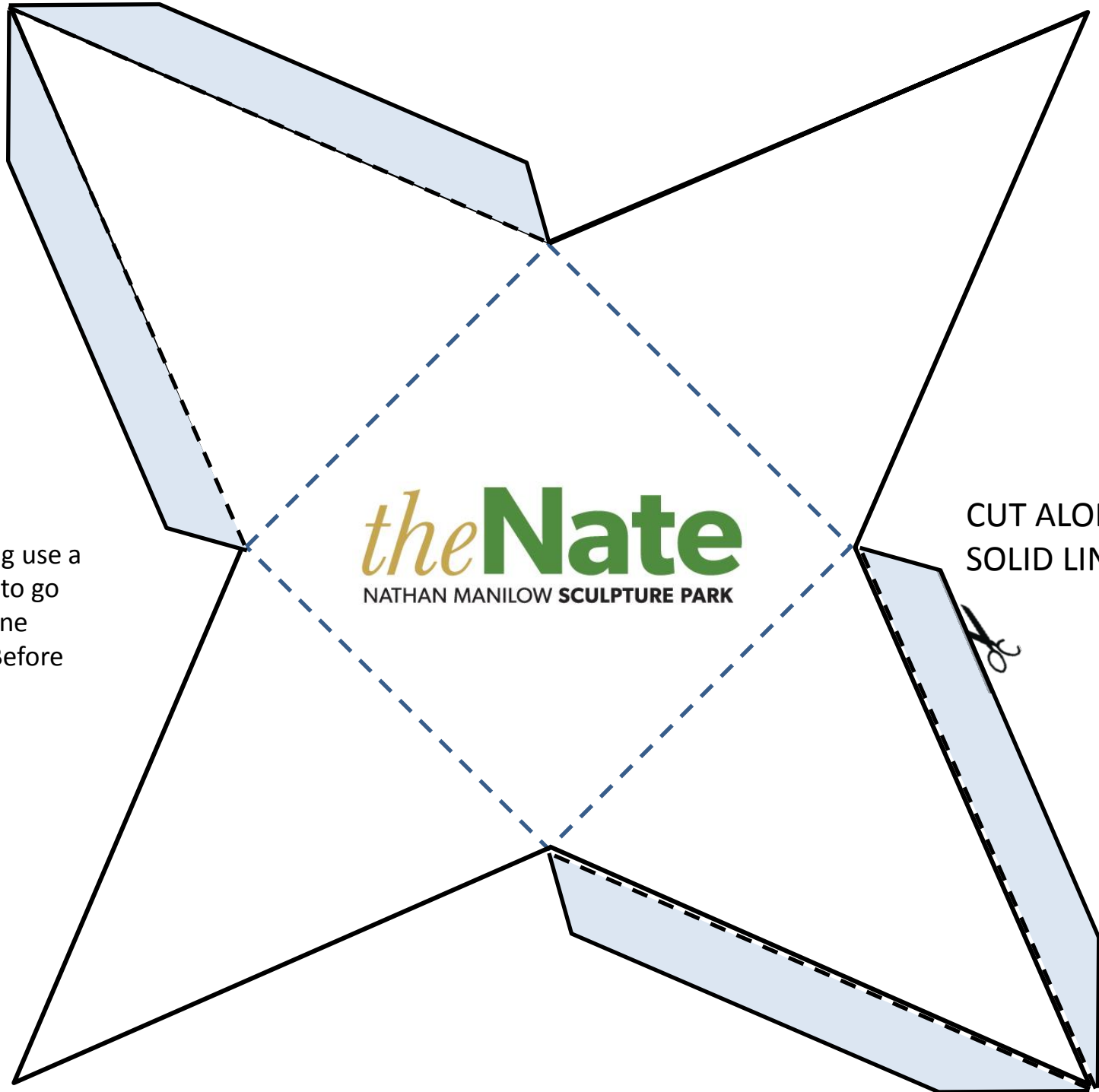
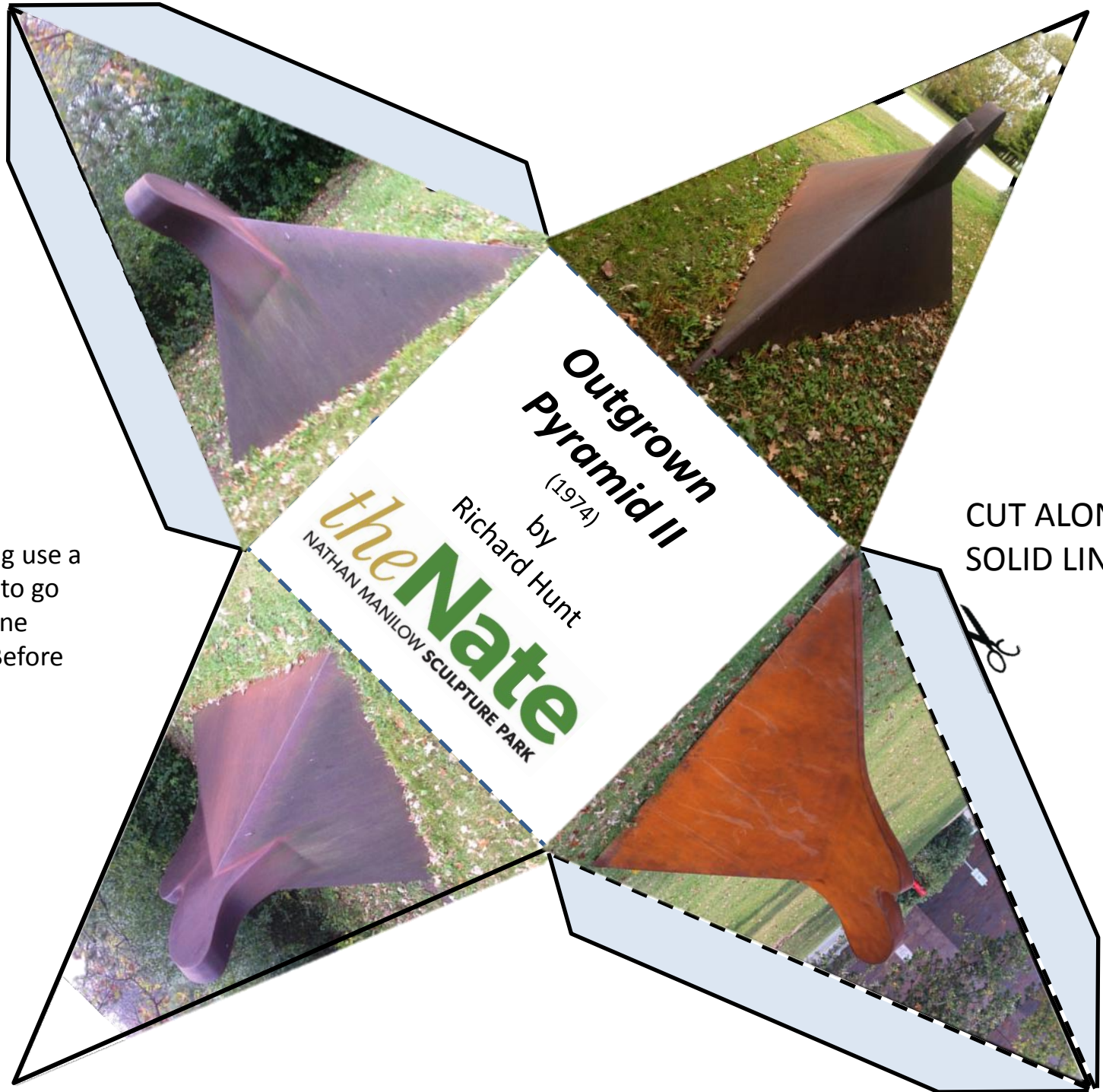
Triangular Pyramid



Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

CUT ALONG THE SOLID LINES

Pyramid



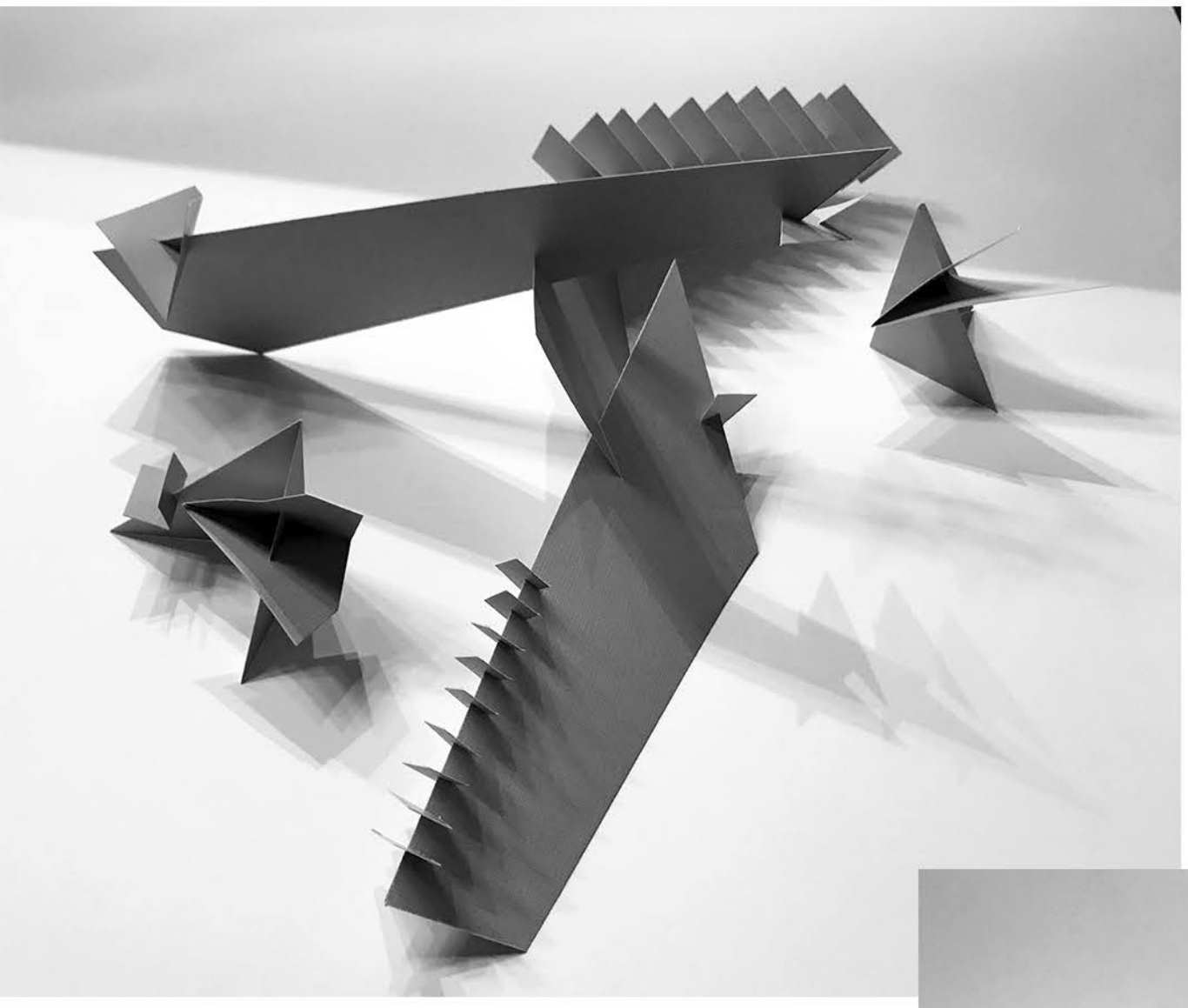
Note: After cutting use a blunt instrument to go over the dotted line indicating folds. Before folding them.

CUT ALONG THE SOLID LINES

Pyramid

*the*Nate

NATHAN MANILOW **SCULPTURE PARK**

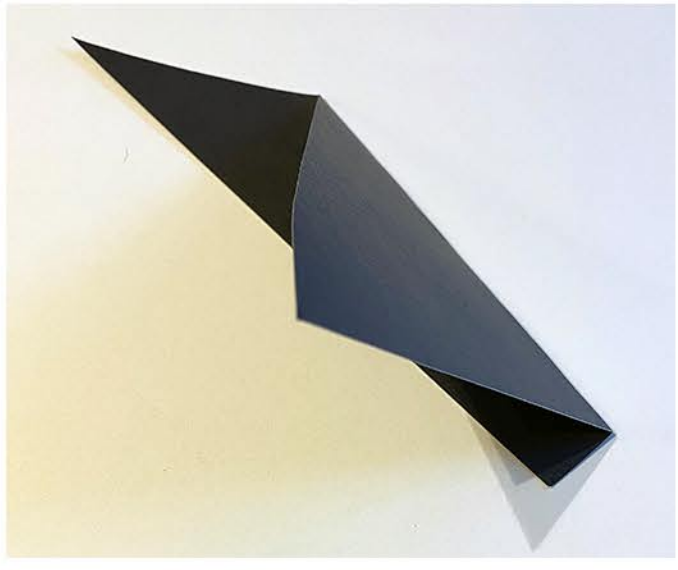


Geometric Abstraction Paper Sculpture Project

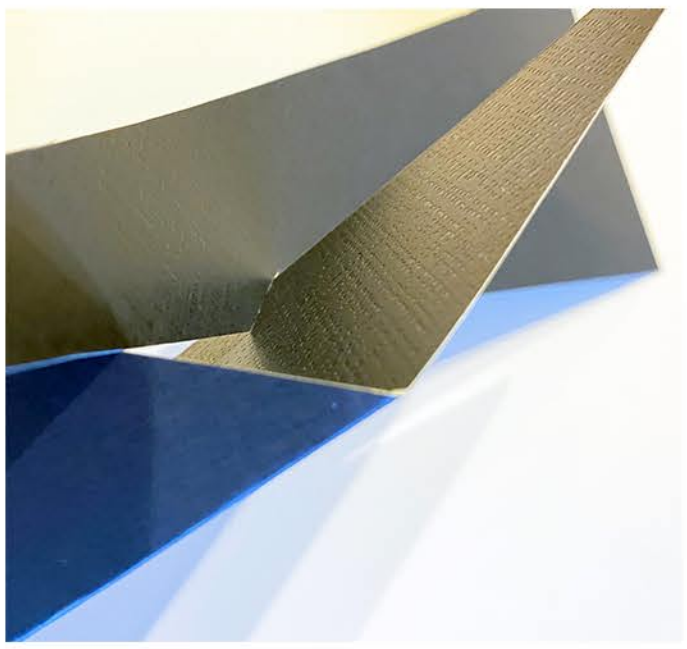
Geometric Abstraction Paper Sculpture

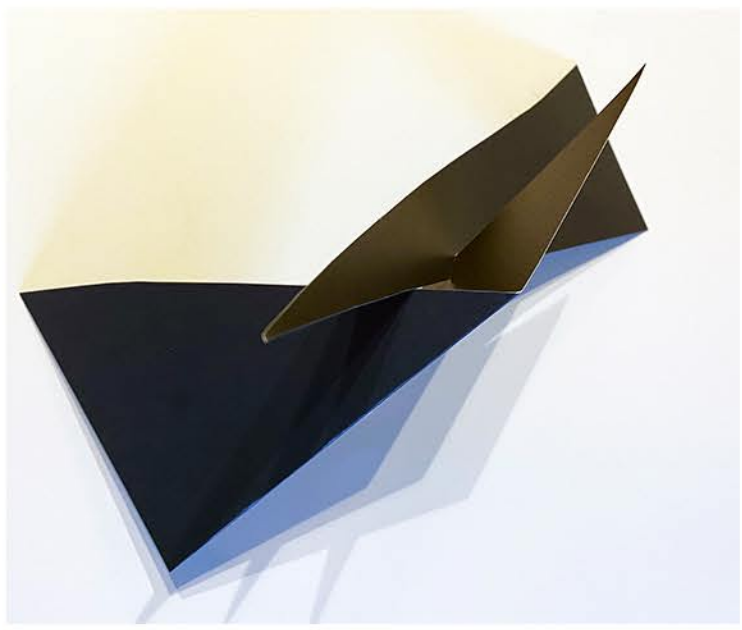
Instructions

1. Cut several geometric shapes with cardstock, or construction paper.



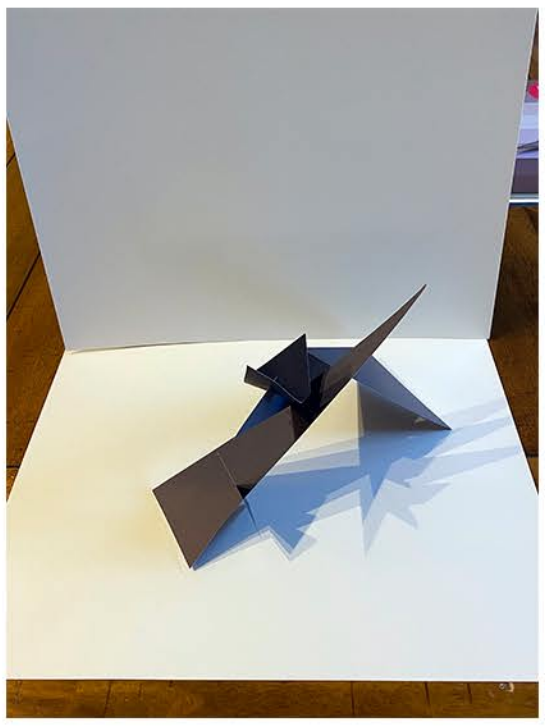
2. Fold the largest shape. Find the best way to make it stand. Another piece may be used to help it balance, see 3.



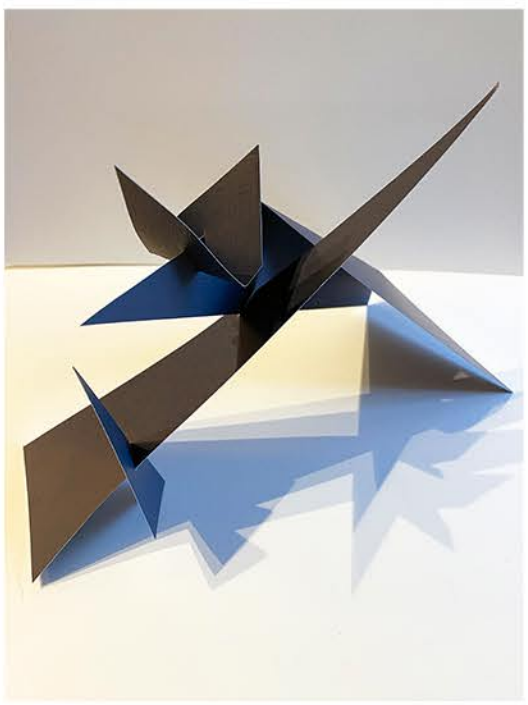


3. Cut a small slit in one shape to attach it to another. The slit may need to be at an angle or straight depending on the direction the shape will go.

4. Keep adding shapes to the piece until the sculpture is complete. Pic on the right shows a folded piece with a slit cut, attached and opened.



5. To photograph work, use two pieces of white card stock paper. Lay one flat and prop one up. The background and ground could also be colored to put the sculpture in a setting.



6. Tag theNate and #thenate on Instagram and Facebook to share your work. We look forward to seeing your creations!

the**Nate**

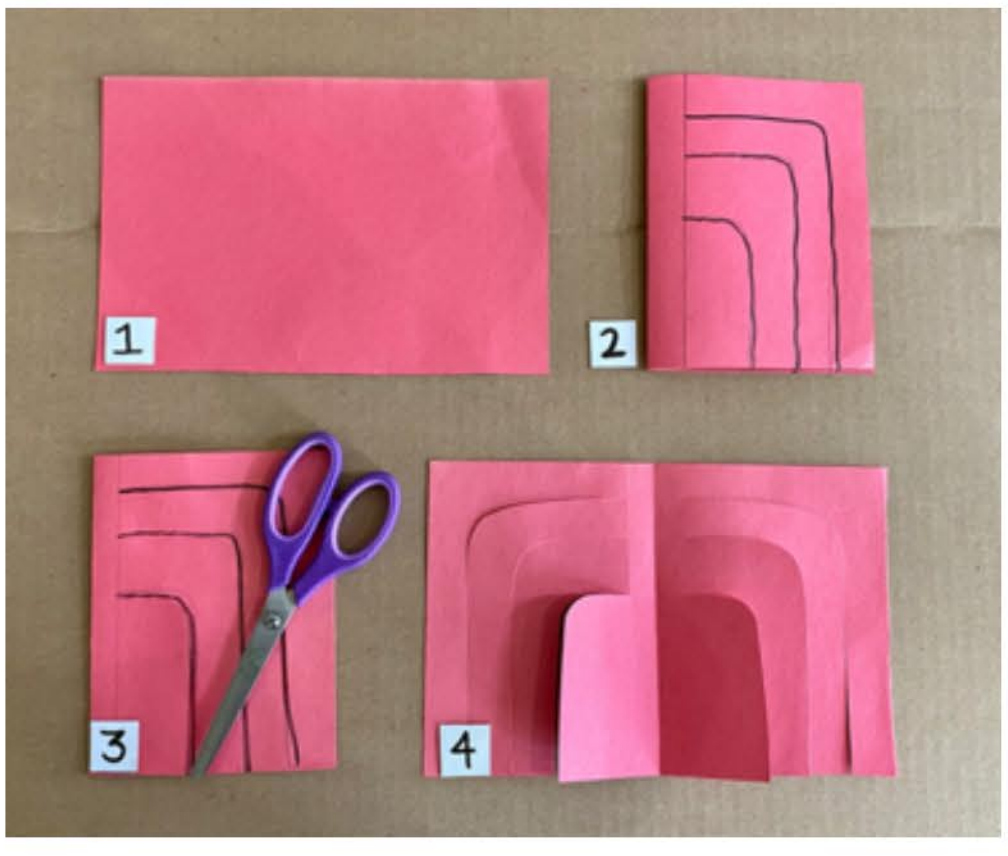
NATHAN MANILOW **SCULPTURE PARK**

Calder Inspired Paper Project

Calder Inspired Paper Sculpture

Instructions

Supplies you will need: construction paper or card stock and scissors. Optional supplies include a pencil to draw lines for cutting and tools to color a design if you would like. You can use colored pencils and crayons or oil pastels. For younger kids, circle stickers work well. I recommend the stickers you would use for a garage sale.



1. Use a rectangle piece of construction paper or card stock. 6 x 9 inches is a good size.
2. Fold your rectangle in half as shown above. I like to make a vertical line using a pencil about a half inch away from the fold. This is so you know where to stop cutting.
3. Cut 3 lines starting at the bottom of your folded paper. These can be free form or drawn then cut.
4. Open up your folded paper.

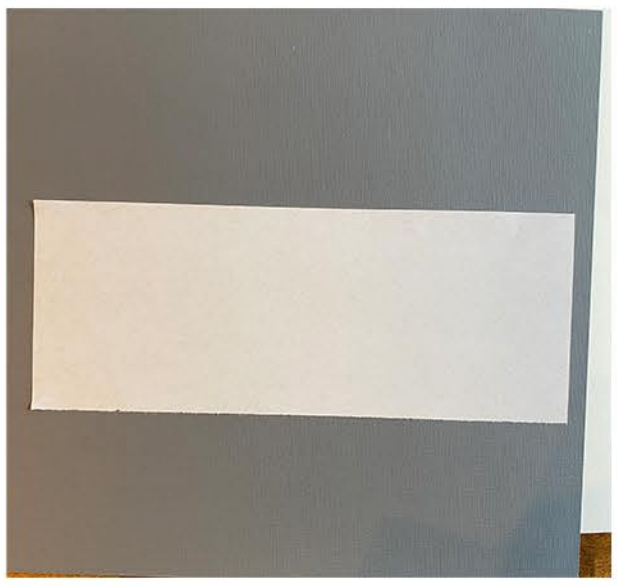
After you open the paper, start from the top and begin folding the first section the opposite direction. Continue by alternating folds on both sides until your sculpture is able to stand on its own. If it isn't able to stand on its own, consider folding little tabs on legs of each piece and gluing them on a piece of card board or card stock.

*the*Nate

NATHAN MANILOW **SCULPTURE PARK**

Paper House Project

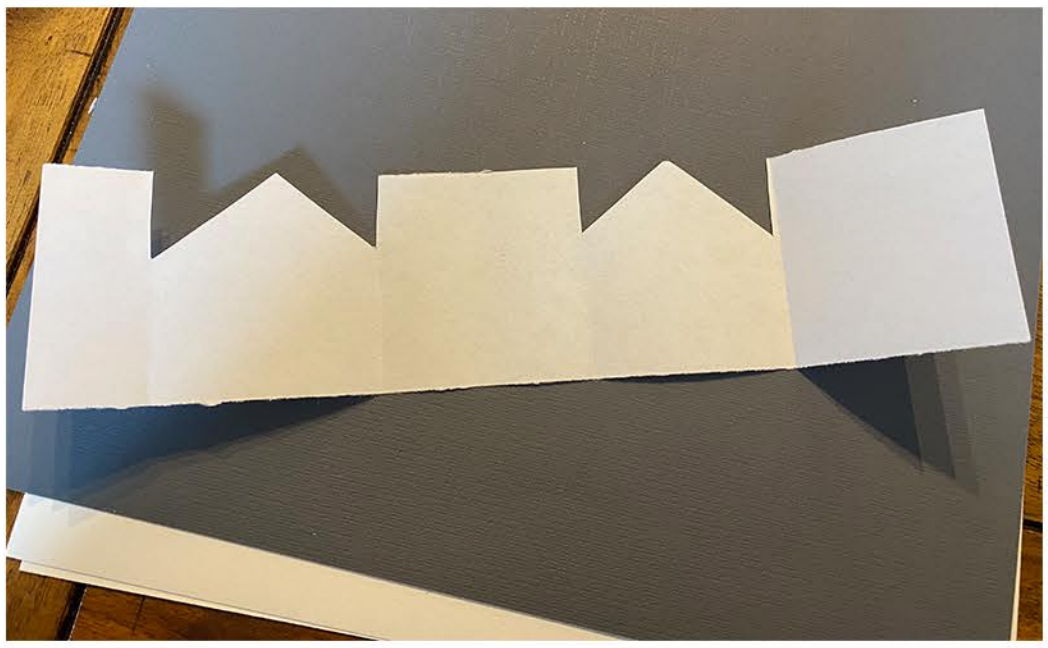
Instructions



1. Any type of paper will do. Size of house will vary depending on the size of paper. This is about 1/4 of a piece of copy paper.

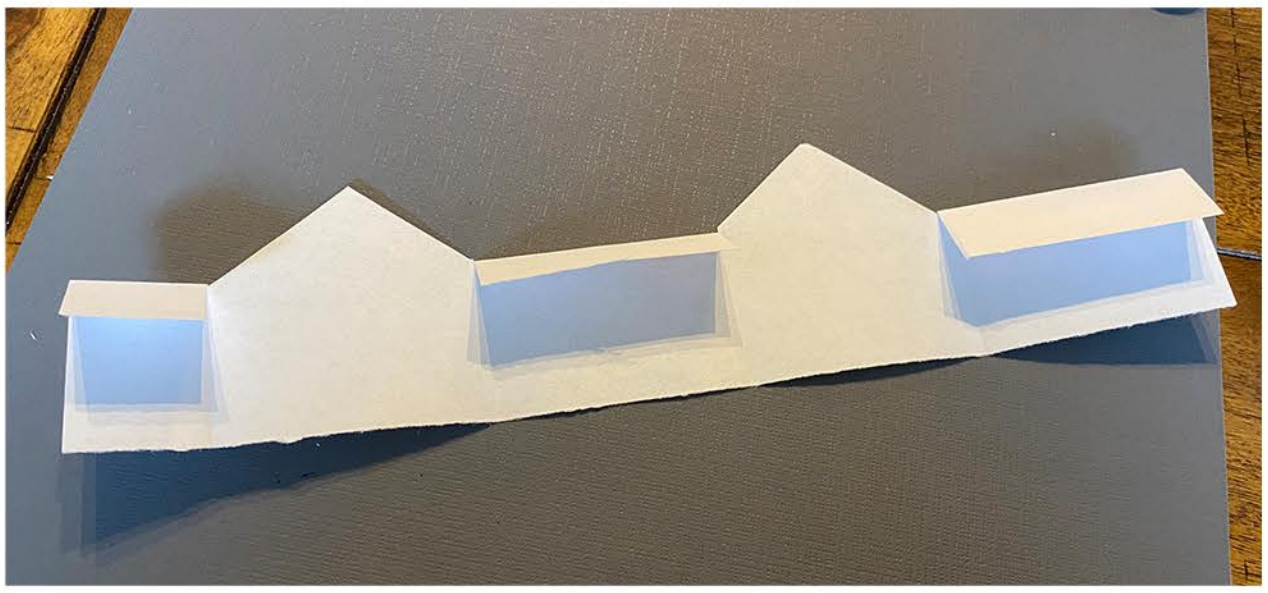
2. Fold about an inch of an end in. This is how you will tape or glue the house closed.

3. With the end folded in, fold in half. Open and then fold the halves in half.



4. Cut the peak on the two sides that will be opposite each other when closed.

House Project Paper



4. Fold down the pieces between the peaks as shown and cut off.

3. It is easiest to embellish your decorate the house when it is flat. Tape house closed when finished and create a roof.

4. Put the roof on and take a pic of your finished project. Share it with theNate on Instagram @_theNate_ and #theNate.

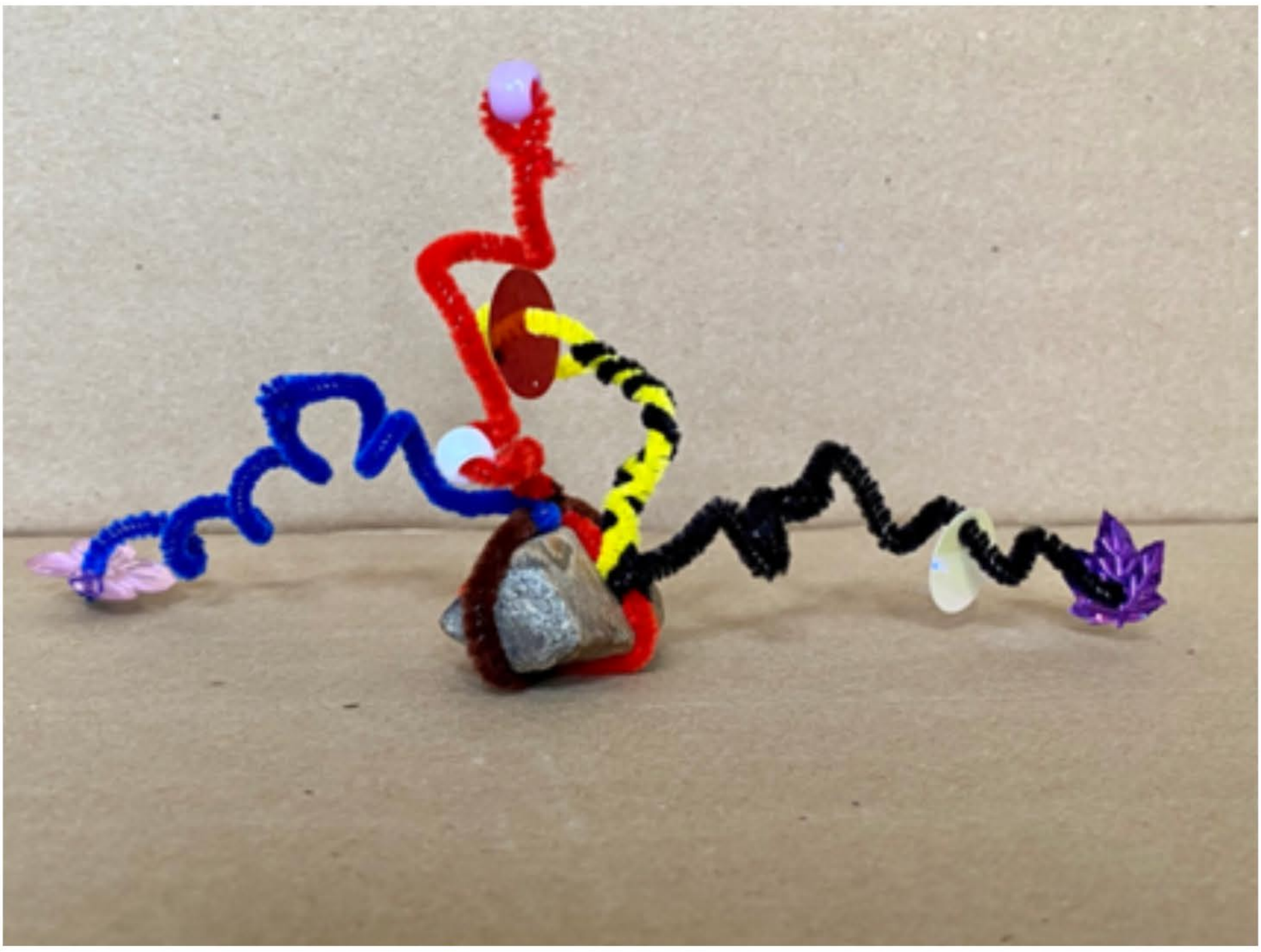
Note: You can create a village varying sizes of house forms and can also create tall buildings.

We can't wait to see your finished project!

Paper House Project

theNate

NATHAN MANILOW **SCULPTURE PARK**

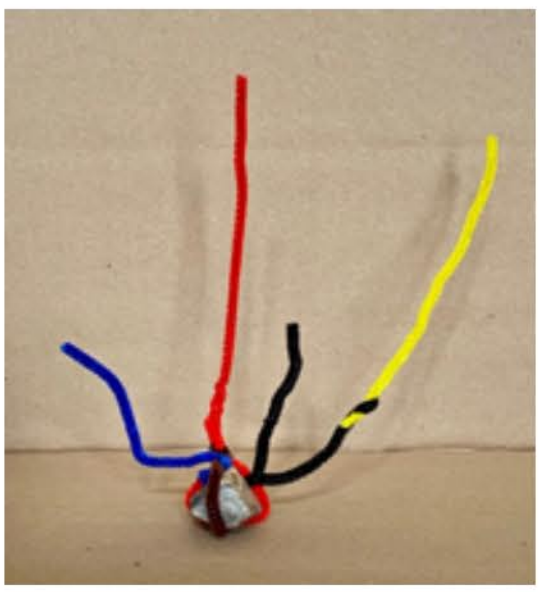


Rock Sculpture Project

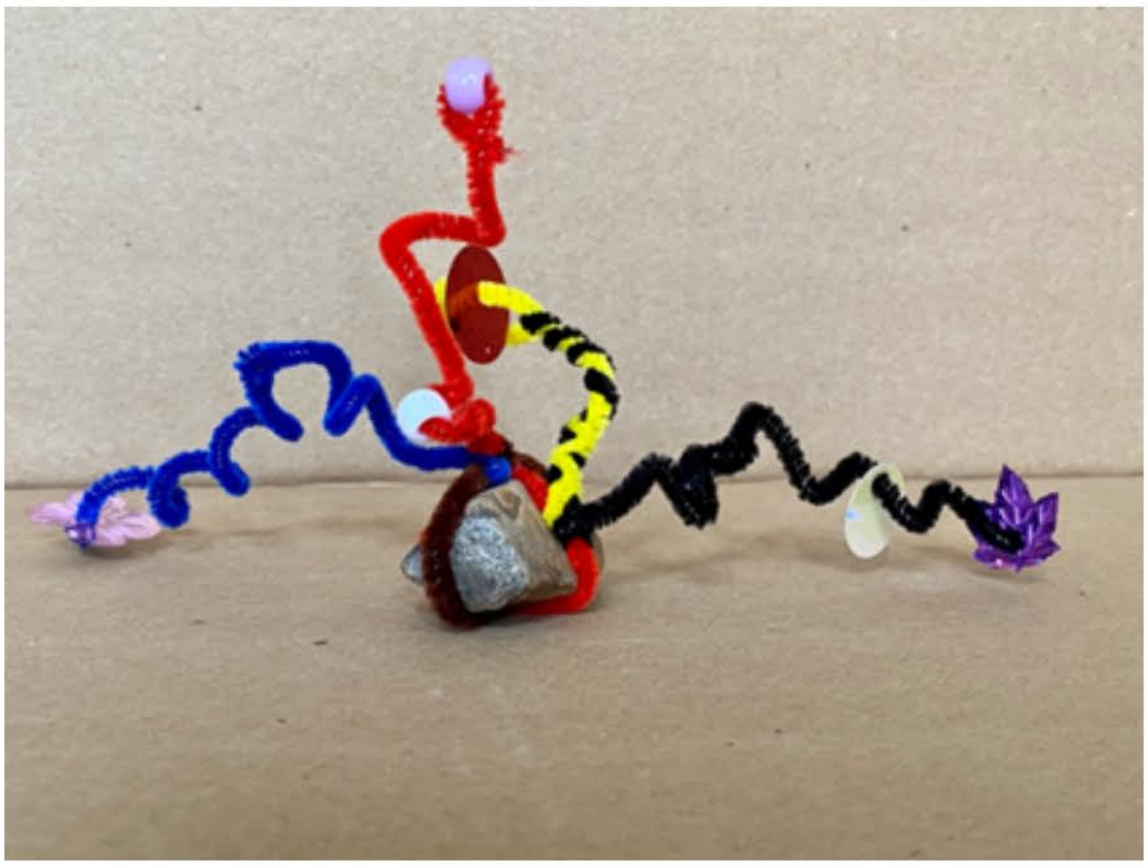
Rock Sculpture Project

Instructions

Supplies you will need: a rock, pipe cleaners and various materials to attach to the pipe cleaners. Items that work well are buttons, beads, sequins, and paper. Feel free to use other materials that may work well for your sculpture.



Start by bending and wrapping pipe cleaners around the rock. If the pipe cleaners are short you can extend them by winding 2 or more together. You can also experiment with bending the pipe cleaners around other items like pencils to create different types of lines.



Once you have your pipe cleaners the way you want them, attach other materials to the pipe cleaners to complete your sculpture. Remember that heavy beads and buttons may not allow your piece to stay sitting up. In order to create balance be sure to use materials that aren't too heavy.