K@T@Home- Lesson Outline for an AT HOME extraordinary art experience for Kids at the Turner

Name of Teacher: Dr. Cotner

Name of the project: My At Home Art Studio: Post, Lintel & Pediment “A” Frame Paper Architecture

Kids will: Using wood sticks or straws, tape and paper, kids will create an “A” Frame house. This style of architecture began with the Ancient Greeks’ use of post (vertical beam), lintel (horizontal beam) and pediment (triangle formed out of 2 diagonal beams on top of the lintel) in architectural design.

Key Terms: 3 Dimensional (3D), Form, Architecture, Design, Rectangle, Square, Triangle, Frame, “A” Frame Construction, Beam, Post (vertical), Lintel (horizontal), Pediment (triangle, diagonal), Postmodern

Materials: wood chop sticks (or any sticks or plastic straws), (wire cutters with help from an adult), ruler, scissors, scotch tape, paper (or cardstock-thicker paper), glitter glue (or any color medium)

Step by Step:
1. Create 10 short beams and 5 long ones, size may vary, the example is 3 inch short and 4 ½ inch long. You might get better results working a bit bigger. An adult can help you decide on the sizes. If you use chop sticks an adult can help you cut them to size. I used wire cutters. If you use straws, you can measure and cut them yourself with scissors.
2. As shown in image 1, use scotch tape to tape together 2 rectangles using 2 short and 2 long beams each. It takes practice, lots of tape and maybe the help of an adult to do this part and the next part, just be a little patient. (Playdo or air-dry clay is also great for connecting the beams.)
3. Image 2: Use 4 more short beams to tape the rectangles into a 3D, post and lintel formed from 2 squares and 2 rectangles.
4. Image 3: Use the remaining 4 short beams diagonally and the remaining long beam horizontally to create the triangular pediment of this “A” Frame Construction.
5. Image 4: Cut paper to the size of your floor, 4 walls and roof, then tape them on. This will make the structure less wobbly! I cut a door that could open and close. You could also cut out windows with the help of an adult before taping paper on. Depending on your materials, you might want to add color and other architectural design before you tape the paper to the frame.
6. Image 5. All I could find at home was glitter glue for adding color and other architectural design to My At Home Art Studio. Let’s see what you can do with your creative talents, imagination and materials! For an extra challenge, try a non-traditional, postmodern architectural design! First draw it, then create it.

What we hope is extraordinary for kids who do this art project: We hope with all our hearts that you have an extraordinary experience creating your original small-scale example of your very own At Home Art Studio and that you keep on making art! Creating 3D art has many challenges and we think you will be very proud of your accomplishments in making this.

Examples project started

Examples project finished

1. 2. 3. 4. 5.