

MAKER'S STUDIO Techniques, formulas and tools for enhancing visualization.

12 weeks - Tuesdays 9-1pm (3-1 hour rotations with 10 minute transitions, 30 minute teacher break)

September 18 through December 11

(9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, NC 11/27, 12/4, 12/11)

@ OC Music and Dance: 17620 Fitch #160, Irvine, CA 92614

Lead Teaching Artist: Danielle McMahan

Max: 16 students

1. Shape Building

K-2: step by step CJ character

3-6: shape build of hand

7-8: basic shapes grouped and shaded

2. One Point Linear Perspective

K-2: block letters

3-6: square grid shaded

7-8: colorized cityscape

3. Circular Repetitive Pattern

K-2: drawn pattern on template

3-6: drawn pattern using compass/protractor

7-8: 3D string pattern on wooden disc using compass, protractor, hammer

4. Conversion

K-2: connected flat surfaces

3-6: folded manipulation

7-8: structure built then drawn

5: Kinetic Creations

K-2: pinwheel

3-6: ping pong ramps

7-8: freestanding ping pong launcher/ collaborative

6. Simple Machines:

K-2: chain reaction using 1 simple machine

3-6: chain reaction using 3 simple machines

7-8: chain reaction using 6 simple machines

7. Scale and Proportion: Enlarge drawings using the grid method.

K-2: grid template

3-6: collaborative grid

7-8: self drawn grid enlargement

8. Metal molding

K-2: aluminum molding

3-6: aluminum molding with colorization

7-8: aluminum wire bending with tools

9. Two Point linear perspective

K-2: simple shapes

3-6: cityscape

7-8: cityscape with detail

10. Pop Up

K-2: simple shape, single pop up

3-6: complex shape, double pop up

7-8: 3D book

11. Tessellation

K-2: simple shape

3-6: complex shape

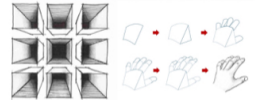
7-8: complex shape with detail

12. Dual Perspective

K-2: double fold

3-6: 2" accordion fold

7-8: 1" accordion fold



Exercise Your Genius!

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