

Pen & Ink Techniques



Lesson Plan: Pen & Ink Techniques

IO: Students will learn how to use line to create a variety of values and textures. They will learn a variety of pen and ink techniques.

Materials: Pen & Ink Techniques Worksheet printed on cardstock or watercolor paper-1 per student, Speedball India Ink (or other Permanent ink brand-make sure its waterproof), Speedball Standard Pen holder with #512 Bowl Pointed Nib, Cardstock 8.5 x 11" paper, Water cups, Empty Pallets with wells, Paint Brushes, Optional: Watercolors

Delivery:

1. **Ways to Apply the Ink:** There are many ways to apply ink, the most common ways are by Calligraphy pen, paint brush, radio graph pen, sticks, etc.

2. Types of Strokes

- a. **Hatching:** draw a series of parallel lines. The closer the lines are together (denser), the darker the value.
 - i. **Contour Lines:** If the object has a flat surface then use straight lines. If the object has a curved surface then follow the contour of the object with curved lines.
- b. **Cross-hatching:** draw a series of intersecting hatching lines (criss-cross). The closer the lines are together (denser), the darker the value.
 - i. **Contour Lines:** If the object has a flat surface then use straight lines. If the object has a curved surface then follow the contour of the object with curved lines.
- c. **Scribble Stroke:** (Also called Scumbling) draw a series of overlapping scribbly or squiggly lines. The closer the lines are together (denser), the darker the value.
- d. **Stippling:** draw a series of small dots. The closer the dots are together (denser), the darker the value.

3. Value Scale: 5-Block Scale

For each type of stroke create a value scale by varying the density of the lines or dots from thin to thick.

4. **3D Shading:** For each type of stroke apply shading or value creating the illusion of 3D form. First, decide where your light source is coming from and then shade with a full range of values (incorporate highlights and cast shadows). Make sure to use directional lines that follow the contour of the form.

5. **Line Direction & Line Variation:** Rough, Thick, Thin, Short Curves, Wavy, Broken-Implied Line, Calligraphic (thick to thin in one stroke), and _____=your choice
6. **Paint with Ink**
- a. **Value Scale:**
 - i. Begin with the lightest value. Load your brush with a small amount of ink & mix it with a lot of water- so the value is very light. Paint in the first box.
 - ii. Add some more ink to the mixture, making the value slightly darker. Paint in the next box.
 - iii. Continue the process until you have your darkest value in the last box.
 - iv. When finished, you should see a progression of the values getting darker in each box.
 - b. **Graded Wash:** A graded wash is smoothly painted value scale where all the value blend seamlessly from one value to the next.
 - c. **Painting a Form:** Paint the form to create the illusion of 3D form. First, decide where your light source is coming from and then paint with a full range of values (incorporate highlights and cast shadows). It is best to start in the lightest area, then while the ink is still wet, add more ink overlapping your strokes to blend and darken the values. Make sure to control how much water you have on the brush- too much will make the ink/water mixture run all over & not provide a blended transition of values.
7. **Combining Ink Strokes with Ink Washes:** Experiment with ink washes and pen strokes. If you apply the wash first, then dry it before going over the wash with the pen strokes.
8. **Creating Textures with Pen & Ink:** Wood Grain, Wood Bark, Ripples, Feathers, Fish Scales, Dragon Scales, Long Fur, Short Fur, and Basket Weave

Activity: Teacher Guided Demonstration

Pen & Ink Techniques Worksheet

Resources: [Creating Textures in Pen & Ink with Watercolor](http://www.craftsy.com/blog/2014/05/pen-and-ink-drawing-techniques/) by Claudia Nice, <http://www.craftsy.com/blog/2014/05/pen-and-ink-drawing-techniques/>, <http://www.art-is-fun.com/drawing-techniques-creating-value-in-pen-and-ink-drawings.html>

Evaluation: Did students demonstrate understanding of various pen and ink techniques and apply those skills on the worksheet?

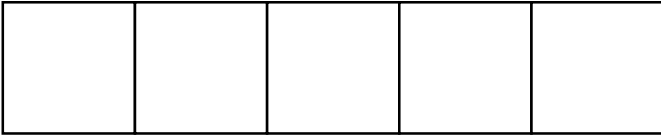
Pen & Ink Techniques Worksheet

Name _____ Class _____

Hatching

Use parallel lines to create value. The closer the lines are, the darker the value becomes.

Value Scale: Hatching

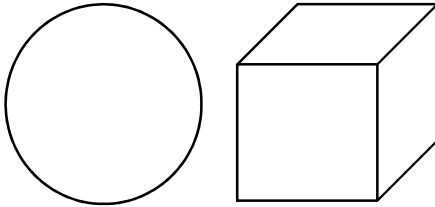


Lightest

Darkest

Shade the Forms

Remember to follow the contour of the form—curved lines on round objects



Scribble (Scumbling)

Use scribbly lines to create value. The closer the lines are, the darker the value becomes.

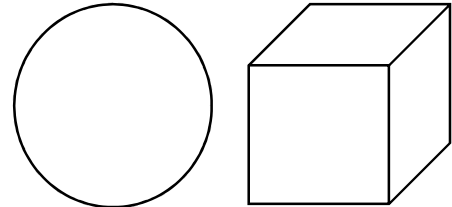
Value Scale: Scribbling



Lightest

Darkest

Shade the Forms



Cross-Hatching

Use intersecting lines to create value. The closer the lines are, the darker the value becomes.

Value Scale: Cross-Hatching

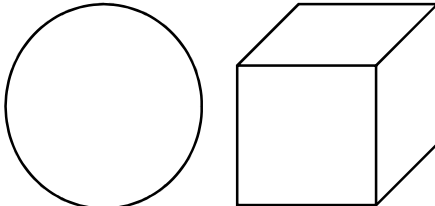


Lightest

Darkest

Shade the Forms

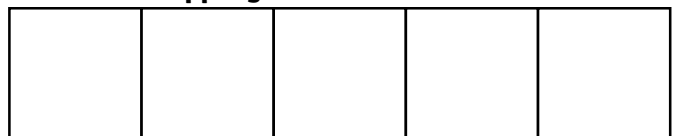
Remember to follow the contour of the form—curved lines on round objects



Stippling

Use dots to create value. The closer the dots are, the darker the value becomes.

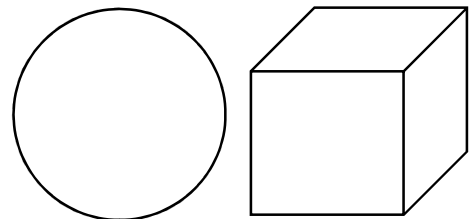
Value Scale: Stippling



Lightest

Darkest

Shade the Forms

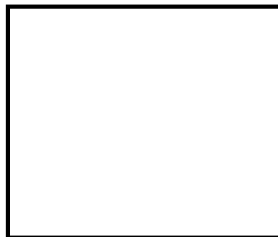


Line Direction & Line Variation

Vary the line direction as you practice line variation.



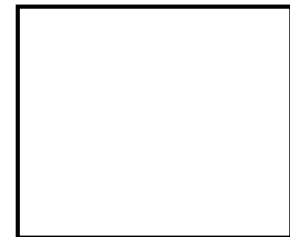
Rough



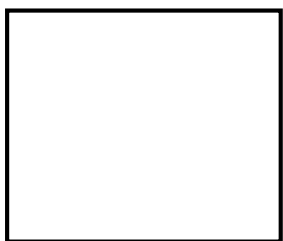
Thick



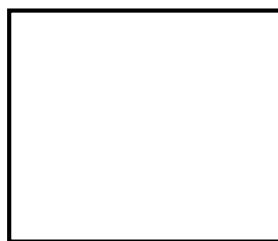
Thin



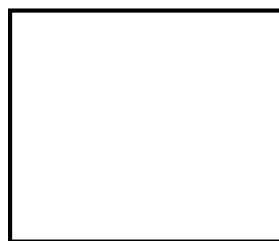
Short Curves



Wavy



Broken-IMPLIED



Calligraphic



Paint with Ink

Add water to the ink to lighten the value (just like watercolors).



Lightest

Darkest

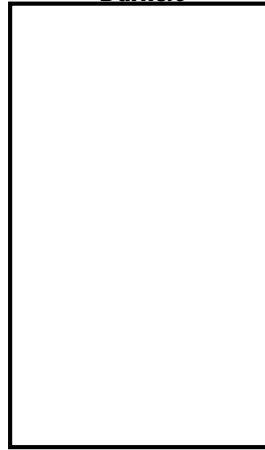
Pen & Ink Combinations

Try applying washes of ink, DRY, then add pen.

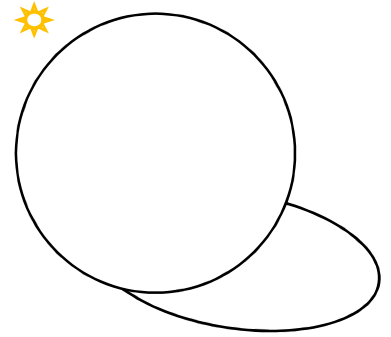


Paint a Graded Wash (Gradation)

Darkest



Lightest



Creating Texture with Pen & Ink

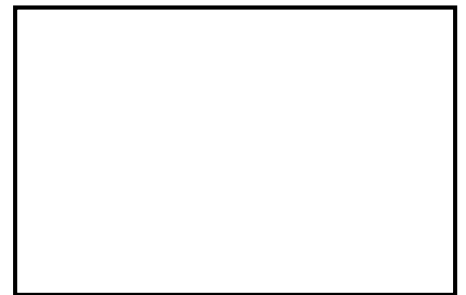
Use any ink strokes and washes to create the following textures.



Wood Grain



Wood Bark



Ripples



Feathers



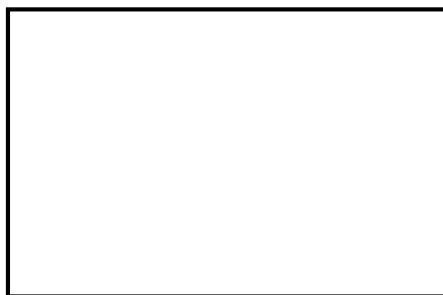
Fish Scales



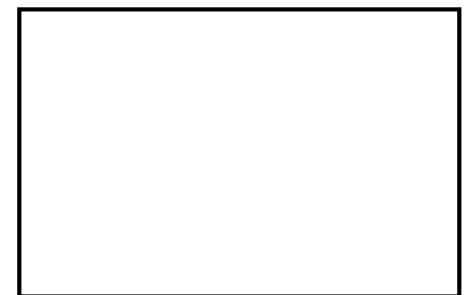
Dragon Scales



Long Fur



Short Fur



Basket Weave

3D Shading (Additional Forms)

Choose a different stroke style to render each form with full shading.

