

**Roanoke County Schools**

Overview:

Upon completion of the 2-D Art I course the student will:

- I. Perceive and understand:
  - A. the relationship between art and the visual world
  - B. critique and analysis
  - C. color mixtures
  - D. color theory
  - E. color schemes
  
- II. Appreciate and be aware of:
  - A. the influences of art on society and community
  - B. artistic developments that relate to historical time periods
  - C. achievements of artists of the past and present
  
- III. Possess a knowledge of:
  - A. art terminology
  - B. interrelationship between art and society
  - C. technical usage as related to visual observations
  - D. color theory
  - E. color mixtures
  
- IV. Create:
  - A. originally and fluently through new ideas
  - B. art through experimentation
  - C. works reflecting a personal approach
  - D. well designed art work
  - E. works using a variety of media and processes
  - F. tempera paintings
  - G. watercolor paintings
  - H. acrylic paintings
  
- V. Produce art work and demonstrate skills of:
  - A. correct safety procedures
  - B. display as part of the artistic process
  - C. matting and framing
  - D. initiative and task commitment

- E. proper use and care of tools and materials
- F. gridding
- G. transforming imagery
- H. culturally influenced drawings
- I. cross hatching, linear density, scratch board and stippling
- J. gesture and contour drawings
- K. good art citizenship
- L. ideas expressed through color
- M. tempera techniques
- N. watercolor techniques
- O. acrylic techniques

- VI. Develop evaluative processes to:
  - A. visual problem solving
  - B. analyze art and its culture
  - C. use appropriate drawing techniques for individual approaches
  - D. critique

## 2-D Art I

### Roanoke County Schools

#### **Course Description:**

Art I 2-D introduces basic techniques in drawing and painting in a studio environment. The history of art is included to provide a link between the student and his/her art and the art of many cultures. Students will work equally in the areas of drawing and painting with a wide variety of materials.

#### ***Standards of Learning Objectives:***

#### **Visual Communication and Production**

- All.3            The student will demonstrate effective use of the elements of art and the principles of design in a variety of art media.
- All.5            The student will demonstrate proficiency in the use of an expanded range of art media.
- All.6            The student will use historical subject matter and symbols as inspiration to produce works of art.
- All.7            The student will employ the visual problem-solving process in the production of original works of art.
- All.8            The student will adhere to ethical procedures when producing works of art.
- All.9            The student will select and prepare two-dimensional works of art for display.
- All.12           The student will demonstrate an understanding of an art career through oral or written communication.
- AI.1RC           The student will demonstrate an understanding of color theory and mixtures.
- AI.2RC           The student will apply appropriate skills and techniques in the creation of paintings:
1. with the emphasis on watercolor medium.
  2. with the emphasis on acrylic medium.

- AI.3RC The student will use a sketchbook to record preliminary sketches and visual records.
- AI.4RC The student will be able to visually record through observation skills using the appropriate techniques.

### **Cultural Context and Art History**

- All.13 The student will identify works of art and artistic developments that relate to historical time periods and locations.
- All.15 The student will identify and examine works of art in their historical context and relate them to historical events.
- All.16 The student will describe distinguishing features in works of art which may be used to differentiate among a variety of historical periods and cultural contexts.
- All.17 The student will examine and discuss societal conditions that influence works of art.

### **Judgment and Criticism**

- All.20 The student will describe, analyze, interpret, and judge works of art using an expanded art vocabulary.
- All.21 The student will use an expanded art vocabulary to assess personal works of art in terms of effectiveness in the communication of ideas.
- All.23 The student will identify and analyze characteristics of works of art that represent a variety of styles.
- All.24 The student will participate in class critiques and criticisms based on one or more established models(e.g., Feldman, Broudy, Barrett).
- All.25 The student will describe how the perception of quality in works of art has changed over time.

### **Aesthetics**

- All.26 The student will examine, compare, and contrast aesthetic ideals throughout history.

All.28 The student will demonstrate the ability to reflect on and analyze personal responses to works of art and artifacts.

All.29 The student will support opinions by reasoning processes using an expanded art vocabulary.

### Roanoke County Schools

#### *Instructional Strategies:*

- All.3 The student will demonstrate effective use of the elements of art and the principles of design in a variety of media.
- Discuss and show examples of a variety of designs incorporating symmetrical, asymmetrical, formal and informal balance
  - Discuss qualities of design rhythm, repetition, and emphasis
  - Use a linear pattern in a design
  - Use space in a design
- All.5 The student will demonstrate proficiency in the use of an expanded range of art media.
- Landscape with charcoal tones
  - Prismacolors on colored mat board showing local color
  - Stippling and crosshatching with pen and ink
  - Ink and ink wash
- All.6 The student will use historical subject matter and symbols as inspiration to produce works of art.
- All.8 The student will adhere to ethical procedures when producing works of art.
- All.9 The student will select and prepare two-dimensional works of art for display.
- AI.1RC The student will demonstrate an understanding of color theory and mixtures.
- Naming and production of color on a color wheel
  - Creation of art based on proper use of color mixtures
- AI.2RC The student will apply appropriate skills and techniques in the creation of paintings:
- With the emphasis on watercolor medium
  - With the emphasis on acrylic medium
  - View works of watercolor artists such as Winslow Homer, John Marin, Maurice Pendergast, Andrew Wyeth, Katherine Liu, Georgia O'Keefe, etc.

- Discuss surfaces, special effects, brushes, and care of materials
- Experiment with transparent and opaque watercolors on a variety of surfaces, using different sizes, and types of brushes
- Work out a simple landscape stressing the wet watercolor medium
- Discuss the unique characteristics of acrylic paints. Demonstrate the range from transparent effects, glazing effects, impasto and collage
- Demonstrate the surfaces available and priming with gesso
- Show tools for application such as knives, brushes, sticks, sponges, etc
- Introduce artists such as Frank Stella, Roy Lichtenstein, Jackson Pollock, Josef Albers, etc
- Work out a non-objective design with acrylics

AI.3RC The student will use a sketchbook to record preliminary sketches and visual records.

- Weekly sketches
- Mat or mount finished art work

AI.4RC The student will be able to visually record through observation skills using the appropriate techniques.

- Draw a contour line drawing of a still life and shade in selective areas
- Form shading with pencil or charcoal
- Figure drawing

All.12 The student will demonstrate an understanding of an art career through oral or written communication.

All.13 The student will identify works of art and artistic developments that relate to historical time periods and locations.

All.15 The student will identify and examine works of art in their historical context and relate them to historical events.

All.16 The student will describe distinguishing features in works of art which may be used to differentiate among a variety of historical periods and cultural contexts.

All.17 The student will examine and discuss societal conditions that influence works of art.

- Introduce cartooning through the works of artists such as Walt Disney, Jim Davis, Charles Schultz, and Marvel Comics
- Discuss societal influences and artistic expression
- Introduce Pop Art and artists such as Roy Lichtenstein, Peter Max, and Andy Warhol

- Introduce Surrealism and artists Salvador Dali and Rene Magritte.
  - Create an editorial, political or comic strip cartoon
  - Using popular everyday subject matter of today, create an art work in a Pop Art style
  - Create a work of art based on dreams or subconscious thoughts
- All.20 The student will describe, analyze, interpret, and judge works of art using an expanded art vocabulary.
- All.21 The student will use an expanded art vocabulary to assess personal works of art in terms of effectiveness in the communication of ideas.
- Students can write a self analysis of their own works of art
- All.23 The student will identify and analyze characteristics of works of art that represent a variety of styles.
- Discuss and show examples of how artists interpreted the same subject matter such as DeKlooning's "Woman", Picasso's "Head of a Woman", and DaVinci's "Mona Lisa." Discuss personal symbols, historical references, media used and individual philosophy
  - Choose a subject matter and draw it using different media
  - Draw the same object using different styles (Abstract, Cubism, Impressionism, Representational)
- All.24 The student will participate in class critiques and criticisms based on one or more established models (e.g., Feldman, Broudy, Barrett).
- Teacher led critiques of artists works discussed in class

# 2D Art I

## Drawing

### Instructional Unit:

#### SOL

AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AI.3RC, AI.4RC, AII.13, AII.15, AII.16, AII.17, AII.20, AII.21, AII.23, AII.24, AII.25, AII.26, AII.28, AII.29.

#### Program of Study Suggestions:

Concepts	Media Used	Date
Figure drawing		
Portraits		
Aerial perspective		
One point perspective		
Two point Perspective		
Form study		
Realism		
Non-objective		
Abstract		
Shading techniques/dry media		
Shading techniques/wet media		
Observational drawing		
Line quality		
Compositional formats		
Elements of art		
Principles of design		
Other:		

#### Media Choices:

Pencil	Craypas Scratchboard	Marker	Pastels
Colored pencil	Pen/Ink Brush	Charcoal	Sketchbook

# 2D Art I

## Painting

### Instructional Unit:

**SOL**

AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AI.1RC, AI.2RC, AI.3RC, AI.4RC, AII.13, AII.15, AII.16, AII.17, AII.20, AII.21, AII.23, AII.24, AII.25, AII.26, AII.28, AII.29.

**Program of Study Suggestions:**

Concepts	Media Used	Date
Color theory		
Brush types/strokes		
Watercolor media & techniques		
Acrylic media & techniques		
3-D illusion		
Realism		
Non-objective		
Abstract/Cubism		
Impressionism		
Pop Art		
Landscape		
Still life		
Nature		
Compositional formats		
Elements of art		
Principles of design		
Other:		

**Media Choices:**

Watercolor  
Tempera

Craft acrylic  
Tube acrylic

Ink  
Pastel

# 2D Art I

## Printmaking

### Instructional Unit:

#### SOL

AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AI.1RC, AI.3RC, AI.4RC, AII.13, AII.15, AII.16, AII.17, AII.20, AII.21, AII.23, AII.24, AII.25, AII.26, AII.28, AII.29.

#### Program of Study Suggestions:

Concepts	Media Used	Date
Monoprinting		
Embossing		
Collagraph		
Carving/Engraving		
Stenciling		
Stamping		
Other:		

#### Media Choices:

Wood block  
Eraser  
Found objects  
Printing press  
Ink  
Styrofoam

Linoleum  
Water base ink  
Marker  
Oil base ink

# 2D Art I Media

## Instructional Unit: Mixed

### SOL

AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AII.12, AI.1RC, AI.3RC, AI.4RC, AII.13, AII.15, AII.16, AII.17, AII.20, AII.21, AII.23, AII.24, AII.25, AII.26, AII.28, AII.29.

### Program of Study Suggestions:

Concepts	Media Used	Date
Compositional formats		
Elements of art		
Principles of design		
Layering		
Media mixtures		
Collage		
Montage		
Technology techniques		
Drawing techniques		
Painting techniques		
Printmaking techniques		
Other:		

### Media Choices:

Natural materials  
Papers & boards  
Styrofoam  
Found, recycled surfaces

# 2D Art I Technology

## Instructional Unit:

### SOL

AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AII.12, AII.13, AII.15, AII.16, AII.17, AII.20, AII.21, AII.23, AII.24, AII.25, AII.26, AII.28, AII.29.

### Program of Study Suggestions:

Concepts	Media Used	Date
Word processing		
Scanning		
Editing		
Digital imagery		
Mixed media		
Series/sequential works		
Art history research		
Careers		
Other:		

### Media Choices:

Computer  
Photoshop  
Publisher  
In Design  
Scanner  
Digital camera

# 2-D Art I

## Instructional Unit: Sketchbook/Journal/Portfolio/Display

### SOL

AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AI.3RC, AI.4RC, AII.20, AII.21, AII.23, AII.24, AII.25, AII.28, AII.29.

### Program of Study Suggestions:

Concepts	Media Used	Date
Drawing media		
Painting media		
Printmaking media		
Mixed media		
Art styles		
Art history research		
Observational studies		
Preparatory studies		
Presentation formats		
Personal inventory		
Labeling identification		
Resource file		
Class notes and handouts		
Other:		

### Media Choices:

Sketchbook/Journal  
Portfolio  
Mat board  
Poster board

Framing: wood, metal, acrylic  
Cameras: 35 mm & digital  
Computer resources

## 2-D Art II

### Roanoke County Schools

#### Overview:

Upon completion of the 2-D Art II course the student will:

- II. Perceive and understand:
  - A. through recordings of visual observation
  - B. figure and portraiture proportions and relationships
  - C. color to express emotion and ideas
  - D. color schemes
  
- VII. Appreciate and be aware of:
  - A. various artistic styles and interpretations
  - B. the environment essential for creating and appreciating art
  
- VIII. Possess a knowledge of:
  - A. appropriate art terminology
  - B. elements of art
  - C. technological developments
  - D. color theory
  
- IX. Create:
  - A. art through experimentation
  - B. works reflecting a personal approach
  - C. art work based on emotions or personal feelings
  - D. works using a variety of media and processes
  
- X. Produce art work and demonstrate skills of:
  - A. correct safety procedures
  - B. display as part of the artistic process
  - C. matting and framing
  - D. proper use and care of tools and materials
  - E. color theory
  - F. ideas expressed through color
  - G. cartooning
  - H. figure and portraiture drawings
  - I. portfolio presentation
  
- XI. Develop evaluative processes to:
  - A. visual problem solving
  - B. use appropriate drawing techniques for individual approaches
  - C. choose appropriate techniques for selected subject, idea or theme

D. critique

## 2-D Art II

### Roanoke County Schools

#### **Course Description:**

2-D Art II covers additional techniques in drawing and painting to develop proficiency in the technical aspects of two-dimensional design. The history of art is included to provide a link between the student and her/his art and the art of many countries and cultures. Self-expression and creativity are emphasized as students create two-dimensional art. Results are maintained in a beginning portfolio.

#### ***Standards of Learning Objectives:***

#### **Visual Communication and Production**

- All.1 The student will expand the use of a sketchbook/journal by adding preliminary sketches, finished drawings, critical writings and class notes.
- All.2 The student will demonstrate the ability to evaluate and select works of art for an expanded portfolio.
- All.3 The student will demonstrate effective use of the elements of art and the principles of design in a variety of art media.
- All.4 The student will use technology to create and manipulate images.
- All.5 The student will demonstrate proficiency in the use of an expanded range of art media.
- All.6 The student will use historical subject matter and symbols as inspiration to produce works of art.
- All.7 The student will employ the visual problem-solving process in the production of original works of art.
- All.8 The student will adhere to ethical procedures when producing works of art.
- All.9 The student will select and prepare two-dimensional works of art for display.

- All.10 The student will identify characteristics of works of art that are presented as a series or sequence.
- All.11 The student will identify artists and visual arts resources within the community.
- AI.1RC The student will demonstrate an understanding of color theory and mixtures.

### **Cultural Context and Art History**

- All.14 The student will discuss or write about art history using an expanded art vocabulary.
- All.15 The student will identify and examine works of art in their historical context and relate them to historical events.
- All.18 The student will identify and analyze the function and meaning of a work of art or an artifact in its original context.
- All.19 The student will describe symbols present in works of art in relation to historical meaning.

### **Judgment and Criticism**

- All.20 The student will describe, analyze, interpret, and judge works of art using an expanded art vocabulary.
- All.21 The student will use an expanded art vocabulary to assess personal works of art in terms of effectiveness in the communication of ideas.
- All.22 The student will demonstrate, orally or in writing, the ability to interrupt and compare historical references found in original works of art.
- All.23 The student will identify and analyze characteristics of works of art that represent a variety of styles.
- All.24 The student will participate in class critiques and criticisms based on one or more established models(e.g., Feldman, Broudy, Barrett).
- All.25 The student will describe how the perception of quality in works of art has changed over time.

## **Aesthetics**

- All.26      The student will examine, compare, and contrast aesthetic ideals throughout history.
- All.27      The student will discuss how responses to the natural environment differ from responses to the man-made or constructed environment.
- All.30      The student will describe, refine and organize personal ideas about the aesthetic qualities of a work of art
- All.31      The student will research and investigate the intentions of those who created specific works of art.
- All.32      The student will investigate and demonstrate that art can be viewed from a variety of aesthetic stances.

## 2-D Art II

### Roanoke County Schools

#### *Instructional Strategies:*

- All.1 The student will expand the use of a sketchbook/journal by adding preliminary sketches, finished drawings, critical writings and class notes.
- Weekly sketches
  - Written critiques
  - Class notes
  - Thumbnail sketches
- All.2 The student will demonstrate the ability to evaluate and select works of art for an expanded portfolio.
- All.3 The student will demonstrate effective use of the elements of art and the principles of design in a variety of media.
- Review elements of art
  - Review principles of design
- All.4 The student will use technology to create and manipulate images..
- Use of a digital camera
  - Use of an editing program such as Photoshop
  - Use of scanner
- All.5 The student will demonstrate proficiency in the use of an expanded range of art media.
- Pencil portraits
  - Prismacolor drawings
  - Acrylic painting with an expressive use of paint
  - Watercolor still-life
- All.6 The student will use historical subject matter and symbols as inspiration to produce works of art.
- All.7 The student will employ the visual problem-solving process in the production of original works of art.

- Explain and model one and two-point perspective
  - Compose a landscape using aerial perspective
  - Compose picture; cut in various shapes; glue to larger paper; choose a vanishing point; connect corners and lines to vanishing point
  - Ribbon drawing using Prismacolors
  - Architectural one or two-point perspective
- All.9 The student will select and prepare two-dimensional works of art for display.
- Discuss and demonstrate matting, mounting, and presentation techniques
  - Demonstrate production of a portfolio
- All.10 The student will identify characteristics of works of art that are presented as a series or sequence.
- Discuss using one's imagination to show the relatedness of similar objects in a sequence of steps
  - Divide paper into sections and draw an object in stages as it might change from a natural to a man-made object or vice versa
  - Distorted grid drawings
- All.11 The student will identify artists and visual arts resources within the community.
- Use local artists' work as examples
  - Recommend local and area shows for students to attend
  - Display local arts calendars and encourage student attendance
- All.12 The student will demonstrate an understanding of an art career through oral or written communication.
- Students research job qualifications, salary, and degree required for an arts related career
- AI.1RC The student will demonstrate an understanding of color theory and mixtures.
- All.14 The student will discuss or write about art history using an expanded art vocabulary.
- All.18 The student will identify and analyze the function and meaning of a work of art or an artifact in its original context.
- All.19 The student will describe symbols present in works of art in relation to historical meaning.

- All.20 The student will describe, analyze, interpret, and judge works of art using an expanded art vocabulary.
- All.21 The student will use an expanded art vocabulary to assess personal works of art in terms of effectiveness in the communication of ideas.
- Introduce Henri Matisse's Fauvistic colors and Vincent van Gogh's Expressionistic colors through prints or slides
  - Discuss color psychology
  - Explain color schemes
  - Experiment with color mixtures and combinations
  - Interpret an emotion through a color scheme painting
- All.22 The student will demonstrate, orally or in writing, the ability to interrupt and compare historical references found in original works of art.
- All.23 The student will identify and analyze characteristics of works of art that represent a variety of styles.
- Discuss and show examples of how artists interpreted the same subject matter.
  - Choose a subject matter and draw it using different style
- All.24 The student will participate in class critiques and criticisms based on one or more established models (e.g., Feldman, Broudy, Barrett).
- All.25 The student will describe how the perception of quality in works of art has changed over time.
- All.26 The student will examine, compare, and contrast aesthetic ideals throughout history.
- Research online
  - Discuss historical references which correlate to art history
- All.27 The student will discuss how responses to the natural environment differ from responses to the man-made or constructed environment.
- All.30 The student will describe, refine and organize personal ideas about the aesthetic qualities of a work of art
- All.31 The student will research and investigate the intentions of those who created specific works of art.
- Research specific works of art or artifacts using online references or books
  - Discuss form and function

All.32 The student will investigate and demonstrate that art can be viewed from a variety of aesthetic stances.

- Teacher led critiques
- Small group critiques
- Written critique which includes the student's personal ideas about the aesthetic qualities of a work of art

# 2D Art II

## Instructional Unit: Drawing

**SOL**

AII.1, AII.2, AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AII.10, AII.11, AII.14, AII.15, AII.18, AII.19, AII.20, AII.21, AII.22, AII.23, AII.24, AII.25, AII.26, AII.27, AII.30, AII.31, AII.32.

**Program of Study Suggestions:**

Concepts	Media Used	Date
Figure drawing		
Portraits		
Aerial perspective		
One point perspective		
Two point Perspective		
Form study		
Realism		
Non-objective		
Abstract		
Surrealism		
Shading techniques/dry media		
Shading techniques/wet media		
Observational drawing		
Line quality		
Compositional formats		
Elements of art		
Principles of design		
Other:		

**Media Choices:**

Pencil	Craypas Scratchboard	Marker	Pastels
Colored pencil	Pen/Ink Brush	Charcoal	Sketchbook

# 2D Art II

## Instructional Unit: Painting

### SOL

AII.1, AII.2, AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AII.10, AII.11, AII.12, AII.14, AII.15, AII.18, AII.19, AII.20, AII.21, AII.22, AII.23, AII.24, AII.25, AII.26, AII.27, AII.30, AII.31, AII.32, AI.1RC.

### Program of Study Suggestions:

Concepts	Media Used	Date
Color theory		
Brush types/strokes		
Watercolor media & techniques		
Acrylic media & techniques		
3-D illusion		
Realism		
Non-objective		
Abstract/Cubism		
Impressionism		
Pop Art		
Fauvism		
Landscape		
Still life		
Nature		
Compositional formats		
Elements of art		
Principles of design		
Other:		

### Media Choices:

Watercolor

Craft acrylic

Tube acrylic

Pastel

# 2D Art II

## Instructional Unit: Printmaking

### SOL

AII.1, AII.2, AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AII.10, AII.11, AII.12, AII.14, AII.15, AII.18, AII.19, AII.20, AII.21, AII.22, AII.23, AII.24, AII.25, AII.26, AII.27, AII.30, AII.31, AII.32, AI.1RC.

### Program of Study Suggestions:

Concepts	Media Used	Date
Monoprinting		
Embossing		
Collagraph		
Carving/Engraving		
Stenciling		
Other:		

### Media Choices:

Wood block  
Eraser  
Found objects  
Printing press  
Ink  
Styrofoam

Linoleum  
Water base ink  
Marker  
Oil base ink  
Plexiglas etching

# 2D Art II

## Instructional Unit: Mixed Media

### SOL

AII.1, AII.2, AII.3, AII.4, AII.5, AII.6, AII.7, AII.8, AII.9, AII.10, AII.11, AII.12, AII.14, AII.19, AII.20, AII.21, AII.22, AII.25, AII.26, AII.27, AII.30, AII.31, AII.32, AI.1RC.

### Program of Study Suggestions:

Concepts	Media Used	Date
Compositional formats		
Elements of art		
Principles of design		
Layering		
Media mixtures		
Collage		
Montage		
Technology techniques		
Drawing techniques		
Painting techniques		
Printmaking techniques		
Other:		

### Media Choices:

Natural materials  
Papers & boards  
Styrofoam  
Found, recycled surfaces

# 2D Art II

## Instructional Unit: Technology

### SOL

AII.1, AII.2, AII.3, AII.4, AII.5, AII.6, AII.7, AII.8, AII.9, AII.10, AII.11, AII.12, AII.14, AII.15, AII.19, AII.22, AII.23, AII.25, AII.31, AII.32.

### Program of Study Suggestions:

Concepts	Media Used	Date
Word processing		
Scanning		
Editing		
Digital imagery		
Mixed media		
Series/sequential works		
Art history research		
Careers		
Other:		

### Media Choices:

Computer  
Photoshop  
Publisher  
In Design  
Scanner  
Digital camera

# 2D Art II

## Instructional Unit: Sketchbook/Journal/Portfolio/Display

### SOL

AII.1, AII.2, AII.3, AII.5, AII.6, AII.7, AII.8, AII.9, AII.10, AII.14, AII.21, AII.24, AII.30, AII.31, AII.32.

### Program of Study Suggestions:

Concepts	Media Used	Date
Drawing media		
Painting media		
Printmaking media		
Mixed media		
Series / sequential work		
Art styles		
Art history research		
Observational studies		
Preparatory studies		
Presentation formats		
Personal inventory		
Labeling identification		
Resource file		
Class notes and handouts		
Other:		

### Media Choices:

Sketchbook/Journal  
Portfolio  
Mat board  
Poster board

Framing: wood, metal, acrylic  
Cameras: 35 mm & digital  
Computer resources