

**ART AND DESIGN**

Art and Design contributes immensely in all areas of the society specifically

- Social cultural
- Economic
- Political
- Utilitarian
- Communication
- Personal expression
- Philosophy
- Catharsis

There is a wide range of career opportunities in the field of Art and Design. Graduates of Art and Design can take up any following professions.

- Printing
- Painting
- Film/T.V video graphic designing
- Photographing
- Landscaping
- Basket making
- Sculpting
- Graphic designing
- Interior designing
- Architectural designing
- Studio set designing
- Art critiquing
- Curio artistry
- Toy making
- Stage managing
- Theatre designing
- Illustrating
- Cartoon making
- Animation artistry
- Forensic artistry
- Puppeteering
- Website designing
- Advertising and marketing artistry
- Jewellery designing
- Hotel/kitchen artistry
- Product designing
- Make up artistry
- Art teaching

This subject strongly interlocks within the political, economic and social cultural fabric of the Nation.

## **General Objectives**

By the end of the course the learner should be able to:

1. produce artworks for aesthetic and utilitarian function through creative exploration of the principles and elements of Art and Design.
2. express their emotions, feelings, ideas and experiences to communicate through works of Art and Design.
3. explore the physical environment as a source of inspiration, ideas and materials to produce works of art.
4. acquire good craftsmanship as they develop a systematic approach in solving Art and Design problems and tasks.
5. integrate acquired skills, concepts and attitudes to enrich their understanding of and performance in other fields of study and activities.
6. exchange ideas and skills through group activities within the school, local communities and other institutions at national and international levels.
7. apply contemporary technology in solving Art and Design problems.
8. apply the acquired knowledge and attitudes for self-reliance in the world of work.
9. appreciate their own and other peoples' artistic and cultural heritage.

**Form One**

<p><b>1.00 INTRODUCTION TO ART AND DESIGN</b> (Time: 2 Lessons)</p> <p><b>1.10 Specific Objects</b> By the end of the topic, the learner should be able to:</p> <p>a. define Art and Design</p> <p>b. state and explain the importance of Art and Design to individuals</p> <p>c. state and explain the importance of Art and Design in society.</p> <p>d. discuss the relationship between Creative Arts and Art and Design.</p> <p>e. relate Art and Design to various career opportunities.</p> <p><b>1.2.0 Content</b></p> <p><b>1.2.1 Definition of Art and Design</b></p> <p><b>1.2.2 Importance of Art and Design to the:</b></p> <p>- the individual</p> <p>- the society</p> <p><b>1.2.3 Review of Creative Arts</b></p> <p><b>1.2.4 Art and Design as a basis for various careers</b></p> <p><b>2.0.0 ELEMENTS AND PRINCIPLES OF ART AND DESIGN</b> (Time: 4 lessons)</p> <p><b>2.1.0 Specific Objectives</b> By the end of the topic, the learner should be able to:</p> <p>a) identify and describe the elements and principles of Art and Design</p> <p>b) discuss the role of the elements and principles of Art and Design in 2Dimensional and 3 Dimensional works</p>	<p><b>2.1.0 Content</b></p> <p><b>2.2.1 Elements of Art and Design</b></p> <p>- line</p> <p>- shape</p> <p>- value</p> <p>- texture</p> <p>- colour</p> <p>- space</p> <p>- mass</p> <p>- solids</p> <p>- voids</p> <p><b>2.2.2 Principles of Art and Design</b></p> <p>- Balance</p> <p>- Proportion</p> <p>- Movement</p> <p>- Rhythm</p> <p>- Contrast</p> <p>- Dominance</p> <p>- Harmony</p> <p>- Unity</p> <p><b>2.2.3 Uses of elements and principles of Art and Design</b></p> <p><b>3.0.0 DRAWING</b> (Time: 15 Lessons)</p> <p><b>3.1.0 Specific Objectives</b> By end of the topic, the learner should be able to:</p> <p>a) identify and use appropriate materials and tools in drawing simple pictorial compositions.</p> <p>b) observe, analyze and draw simple natural and man-made forms and structures to create different impressions on a variety of surfaces.</p> <p>c) use skills of presentation and display to enhance the final appearance of the drawings.</p> <p>d) make an envelope folder for the finished work.</p>
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3.2.0 Content

3.2.1 Materials and tools

- 3.2.2 Drawing pictorial compositions from imagination
- natural forms
  - man made forms and structures

- 3.2.3 Presentation and Display
- Trimming
  - Mounting
  - Finishing
  - Framing
  - Display

- 3.2.4 Critique
- Observation
  - Appreciation
  - Critique/comments
  - Discussion
  - Assessment

- 3.2.5 Folder making
- Envelope folder
  - Storage of the work

4.0.0 PAINTING  
(Time: 18 lessons)

- 4.1.0 Specific Objectives  
By the end of topic, the learner should be able to:
- appreciate the role of painting in Kenya
  - identify, and discuss the elements and principle of art and design in painting 2 dimensional works.
  - analyse and appreciate the behaviour of different colours
  - identify and describe the use of a variety of materials and tools for painting on different surfaces
  - select and skillfully use a variety of tools and

materials to produce paintings in different techniques.

- f) use skills of presentation to enhance the final appearance of their paintings.

4.2.0. Content

- 4.2.1 Role of painting in Kenya
- Aesthetics
  - Social-cultural
  - Economic
  - Political
  - Religious/ritualistic
  - Utilitarian

- 4.2.2 Elements of art and design in painting 2 Dimensional (2D) works
- Colour
  - Tone/value
  - Texture
  - Line
  - Shape
  - Form

- 4.2.3 Principles of art and design in painting 2 D works
- Balance
  - Rhythm/movement
  - Proportion
  - Dominance
  - Unity

- 4.2.4 Materials and tools for painting
- Media
  - surfaces
  - tools

- 4.2.5 Techniques
- Washes
  - Dabbing
  - Dry brush

- 4.2.6 Behaviour/ properties of colour
- Hue
  - Value. tone
  - Intensity

- 4.2.7 Exercises in
- Colour wheel
  - Tonal value
  - Mono chrome
  - Single still life form
  - Pattern making

4.2.8 Exercises in painting pictorial compositions from observation memory and imagination on effects of child rights, deforestation and HIV & AIDS on the family.

- 4.2.9. Presentation and Display
- Trimming
  - Mounting
  - Framing
  - Display

- 4.2.10 Critique
- Observation
  - Appreciation
  - Critique/comments
  - Discussion
  - Assessment

## 5.0.0 GRAPHIC DESIGN (Time 21 lessons)

- 5.1.0 Specific objectives  
By the end of the topic, the learner should be able to:
- a) define the term Graphic Design
  - b) state the role of Graphic Design in Art and Design
  - c) identify and explain the structure and characteristics of different types of letter forms in relation to space.
  - d) apply skills, materials and tools in the construction of letter forms.
  - e) apply skills, material and tools in designing and composing statements.
  - f) define the term calligraphy and state its role in Graphic Design

- g) analyze and appreciate the structure of calligraphic letterforms.
- h) apply skills, materials and tools to write numerals, letters, words and statements in calligraphy.
- i) employ the skills of presentation to enhance the final appearance of the graphic work.

## 5.2.0 Content

- 5.2.1 Definition and concept
- concept
  - definition
  - role in Art and Design

- 5.2.2 **TYPOGRAPHY**
- anatomy of letter forms
    - serifs
    - sans serifs
  - letter construction
    - 2 Dimensional (2D)
    - 3Dimensional (3D)
    - Word construction
    - Statements

- 5.2.3 Characteristics of letter forms
- Size
  - Colour
  - Weight
  - Condensed
  - Distorted
  - Expanded

- 5.2.4 Calligraphy
- Concept
  - definition
  - Calligraphic pens
  - words
  - Calligraphic strokes/lettering
  - Words
  - Statements

5.2.5 Exercises on short calligraphic messages to create awareness on contemporary and current issues such as the plight of street children, drug and substance of abuse among the youth etc.

5.2.6 Presentation and Display

- Trimming
- Finishing
- Mounting
- Display

5.2.7 Critique

- Observation
- Appreciation
- Critique/comments
- Discussion
- Assessment

## 6.0.0 ORNAMENTS (Time 6 lessons)

### 6.1.0 Specific Objectives

By the end of the topic, the learner should be able to:

- identify and describe the concept of ornaments and jewellery making
- define ornaments and jewellery
- identify and explain the functions of ornaments
- identify a variety of materials used in the making of ornaments and jewellery
- identify and analyse techniques of decoration in the making of ornaments.
- State and describe the processes of decoration in the making of ornaments
- Explore and use the environment as a source of inspiration and of materials for making ornaments.

- Use materials, tools and processes skillfully to make ornaments and jewellery
- Appreciate the use of ornaments and jewellery in our cultural and contemporary society
- use skills of presentation to enhance the final appearance of the ornaments and jewellery

## 6.20 Content

6.2.1 Concept of ornaments and jewellery

- Definition
- Description

6.2.2 Materials, tools and equipment

6.2.3 Sourcing of designs

- Organic
- Inorganic
- Abstract

6.2.4 Processes in the making of ornaments and jewellery

- bead work
- bone work
- leather work
- metal work
- papier mache
- wood work

6.2.5 Techniques of decoration

- bead work
- painting
- burning
- incising

6.2.6 Exercise in making jewellery and ornaments from existing forms

6.2.7 Presentation and Display

- Finishing
- Mounting

- 6.2.8 Critique
- Observation
  - Appreciation
  - Critique/comments/discussion
  - Assessment
- Balanced
  - Warp-faced
  - Weft-faced
  - Open work
- Twill weave
    - 2/2 twill weave
    - 3/1 twill weave
- 7.00 **WEAVING**  
(Time: 6 lessons)
- 7.1.0 **Specific Objectives**  
By the end of the topic, the learner should be able to:
- a) define the concept of weaving
  - b) identify and describe the characteristics of plain and twill weaves
  - c) identify materials tools and equipment appropriate for plain and twill weaves.
  - d) Produce woven items using plain and/or twill weave on a loom.
  - e) Use the skills of presentation and display to enhance the appearance of their woven works
- 7.2.0 **Content**
- 7.2.1 Concepts of weaving
- Definition
  - Description
- 7.2.2 Characteristics
- Plain weave
- 7.2.3 **Material and tools**
- Yarn
  - Rigid heddle loom
  - Dowel loom
  - Frame loom
  - Shuttle
  - Serrated cardboard loom
  - Beater
  - Banana fibres
  - Sisal
- 7.2.4 **Make woven items using any of the looms by applying the techniques of weaving**
- Plain weave
  - Twill weave
- 7.2.5 **Presentation and display**
- Trimming
  - Finishing
  - Display
- 7.2.6 **Critique**
- Observation
  - Appreciation
  - Critique/comments/discussions
  - assessment



## Form Two

### **DRAWING** (Time 15 lessons)

#### **Specific Objectives**

By the end of the topic, the learner should be able to:

- a) observe and record in details the structures of natural and man-made forms using the drawing skills and techniques acquired.
- b) define and discuss the term perspective.
- c) apply the principle of linear perspective in drawing forms and pictorial compositions
- d) use imagination and creativity in drawing pictorial compositions to incorporate the principle of perspective
- e) employ skills of presentation to enhance the final appearance of drawings done.
- f) make an expandable folder for storing the finished works.

#### **2.0 Content**

- 2.1 Detailed studies of the structures of
  - Manmade forms
  - Natural
- 2.2 Perspective
  - Definition and concept
  - Linear perspective
  - One point perspective
  - Two point perspective

#### **8.2.3 Exercises in linear perspective**

- One point perspective
- Two point perspective
- Views
  - Worms eye
  - Birds eye
  - Eye level

#### **8.2.4 Drawing pictorial compositions of manmade and natural forms by applying the principle of perspective**

#### **8.2.5 Presentation and Display**

- Trimming
- Mounting
- Finishing
- Display

#### **8.2.6 Folder Making**

- Expandable folder
- Storage of the works

#### **8.2.7 Critique**

- Observation
- Appreciation
- Critique/comments
- Discussion
- Assessment

### **9.0.0 PAINTING** (Time 21 lessons)

#### **9.1.0 Specific Objectives**

By the end of the topic, the learner should be able to:

- a) Apply the skills of observation to record the structure of natural manmade and human forms
- b) Use the painting skills acquire to paint natural man-made an human forms
- c) Apply the skills of presentation to enhance the final appearance of the paintings.

**9.2.0 Contents**

**9.2.1 Observing and recording details of the structures of**

- Natural forms
- Man made forms
- Human forms

**9.2.2 Painting detailed studies from observation**

- Natural forms
- Man-made forms
- Human figures

**9.2.3 Presentation and display**

- Trimming
- Mounting
- Framing
- Display

**9.2.4 Critique**

- Observation
- Appreciation
- Critique /comments/ discussion
- Assessment

**10.0.0 GRAPHIC DESIGN  
(Time: 24 lessons)**

**10.1.0 Specific Objectives**

By the end of the topic, the learner should be able to:

- a) define the terms layout, illustrations, book designs, book covers and posters and appreciate their role in graphic design
- b) use the elements and principles of graphic design to create illustrations, book designs, book covers and posters
- c) apply the skills and knowledge learnt in producing a final artwork for a specific purpose.

- d) appreciate the role of the elements and principles of graphic design in layout
- e) use skills of presentation to enhance the final appearance of the graphic work.

**10.2.0 Content**

**10.2.1 Layout**

- Definition
- Concept
- Elements and principles of Art and Design in layout
- Types of layout
  - Symmetrical
  - Asymmetrical
  - Radial

**10.2.2 Designing and producing a seasonal greeting cards**

**10.2.3 Illustrations**

- Definition
- Concept
- Types of illustrations
  - Textual
  - Pictorial
  - Pictorial with text

**10.2.4 Designing and producing a poster on given topical issue such as poverty eradication, industrialization, prevention of HIV&AIDS scourge etc.**

**10.2.5 Book Design**

- Definition
- Layout

**10.2.6 Designing and producing a book cover with a specific title**

**10.2.7 Presentation and display**

- Mounting
- Framing
- Display

10.2.8 Critique

- Observation
- Appreciation
- Critique/comment/discussion
- Assessment

11.0.0 COLLAGE  
(Time 6 lessons)

11.1.0 Specific Objectives

By the end of the topic, the learner should be able to:

- a) identify, and describe the concept and characteristics of collage.
- b) explore and use the environment as a source of both inspiration and materials for making collage.
- c) identify and select suitable materials in relation to texture for the chosen surface and subject matter.
- d) apply the technique of collage making to skillfully produce pictorial compositions
- e) use skills of presentation to enhance the appearance of the collage compositions.

11.2.0 Content

11.2.1 Concept of collage

- Definition
- Description

11.2.2 Characteristics of collage

- Texture
- Multi-media
- Superimposition
- Combined with painting
- 3 dimensional

11.2.3 Materials, tools and processes

11.2.4 Exercises in producing pictorial compositions on national issues such as tree planting, pollution of the environment, sickness and disease through HIV & AIDS pandemic, effect of child labour.

11.2.5 Presentation and display finished montage works

- Trimming
- Mounting
- Framing
- Varnishing
- Display

11.2.6 Critique

- Observation
- Appreciation
- Critique/comments/discussion
- Assessment

12.0.0 MONTAGE  
Time: 6 Lessons)

12.1.0 Specific Objectives

By the end of the topic, the learner should be able to:

- a) identify, and describe the concept and characteristics of montage
- b) explore and use the environment as a source of inspiration and materials for making montage
- c) identify and select appropriate tools and materials for montage
- d) apply the technique of montage pictorial composition
- e) use skills of presentation to enhance the appearance of the montage composition .

### 12.2.0 Content

#### 12.2.1 Concept

- Definition
- Description

#### 12.2.2 Characteristics

- Sticking pictures
- Superimposition
- Mono-media
- 2Dimensional

#### 12.2.3 Materials, tools and process

#### 12.2.4 Exercises in producing pictorial

composition on issues such as effects of child rights technology, desertification and other environmental issues.

#### 12.2.5 Presentation and display of finished montage works

- Trimming
- Mounting
- Framing
- Varnishing
- Display

#### 12.2.6 Critique

- Observation
- Appreciation
- Critique/comments
- Discussions
- Assessment.

### 13.0.0 FABRIC DECORATION (Time 12 lessons)

#### 13.1.0 SPECIFIC Objectives

By the end of the topic, the learner should be able to:

- state and discuss the role of decorated fabrics.
- identify and select appropriate materials and tools used in fabric decoration.
- state the characteristics of resist method as a technique of decorating fabrics
- use the resist method of fabrics decoration to make

fabrics of functional and aesthetic value

- appreciate the role played by decorated fabrics.
- use skills of presentation to enhance the appearance of the decorated fabrics.

### 13.2.0 Content

#### 13.2.1 Functions of decorated fabrics

- Aesthetics
- Economic
- Religious
- Ritual
- Socio-cultural
- Utilitarian

#### 13.2.2 Materials tools and equipment

#### 13.2.3 Techniques and processes

- Resist
- Tie and dye
- Batik

#### 13.2.4 Designing and producing fabrics with specific themes such as poverty eradication, environmental education, drug abuse awareness as well as for beauty.

#### 13.2.5 Presentation and display

- Trimming
- Ironing
- Mounting
- Hemming
- Pleating
- Finishing
- Display

#### 13.2.6 Critique

- Observation
- Appreciation
- Critique/comments/discussion
- Assessment

**14.0.0 ORNAMENTS**  
(Time 6 lessons)

- 1.1.0 Specific Objectives**  
By the end of the topic, the learner should be able to:
- a) identify and describe ornaments in relation in function and socio-cultural values.
  - b) identify and describe the techniques of decorating ornaments.
  - c) use materials and tools skillfully in making and decorating ornaments using a combination of techniques
  - d) use skills of presentation to enhance the final appearance of the ornaments and jewellery.

**14.2.0 Content**

- 14.2.1 Functions of Ornaments**
- Identification
  - Socio-cultural
  - Aesthetic
  - Ritual/religious/ceremonial
- 14.2.2 Materials and Tools**
- 14.2.3 Techniques of decoration**
- Painting
  - Printing
  - Carving
  - Stamping
  - Plaiting
  - Burning
- 14.2.4 Designing and producing ornaments for a specific function using a combination of techniques**

- 14.2.5 Presentation and Display**
- Finish
  - Firing
  - Varnishing
  - Mounting
  - Display

- 14.2.6 Critique**
- Observation
  - Appreciation
  - Critique/comments
  - Discussion
  - Assessment

**15.0.0 WEAVING**  
(Time 6 lessons)

- 15.1.0 Specific Objectives**  
By the end of the topic, the learner should be able to:
- a) identify and describe the characteristics of twinning and ghiordes knots.
  - b) identify materials tools and equipment appropriate for twinning and ghiordes knots
  - c) produce a multi coloured woven item using the twinning and ghiordes knots techniques on a frame.
  - d) Use the skills of presentation of enhance the final appearance of the woven items.

**16.2.0 Content**

- 16.2.1 Twinning and ghiordes knots**
- Twining
    - Description
    - Characteristics
  - Ghiordes knots
    - Description
    - Characteristics

15.2.2 Materials tools and equipment

15.2.5 Presentation and display

- Neatening
- Finishing
- Display

15.2.3 Techniques

- Twining
- Ghiordes knot

15.2.6 Critique

- Observation
- Appreciation
- Critique/comments
- Discussion
- Assessment

15.2.4 Production of a multi-coloured woven item using a combination of technique of twining and ghiordes knots.

## Form Three

### 16.0.0 DRAWING (Time: 24 lessons)

#### 16.1.0 Specific Objectives

By the end of the topic, the learners should be able to:

- a) observe, analyse, and record in detail the human figure and its proportions
- b) make sketches of moving and static human figures in a specified time limit
- c) use his/her imagination and creativity to produce pictorial compositions with human figures
- d) use skills of presentation and display to enhance the final appearance of the drawings.

#### 16.2.0 Content

##### 16.2.1 Human Figure

- Proportions of the human figure
- Quick sketches of the human figure in motion
- Detailed studies of the human figure

16.2.2 Drawings of imaginative pictorial composition with human figures on current issues such as ravages of HIV & AIDS pandemic, e.g. sick people, care of sick people, orphaned children

##### 16.2.3 Presentation and display

- Trimming
- Mounting
  - Mat
  - Window
- Framing
- Finishing
- Display

##### 16.2.4 Critique

- Observation
- Appreciation
- Critique/comments/discussion
- Assessment

##### 16.2.5 Exhibition

- Organization of space
- Selection of exhibits
- Display of 2D works

### 17.0.0 PAINTING (Time: 28 Lessons)

#### 17.1.0 Specific objectives

By the end of the topic, the learner should be able to:

- a) explain the techniques of atmospheric perspective in creating depth in painting of sceneries.
- b) apply the technique of atmospheric perspective to make quick sketches of natural, man-made and human figures
- c) develop skills of observation by recording in detail through drawing and painting natural, manmade and living forms human figures.
- d) apply the elements of Art and Design to produce painted compositions on still life and sceneries from memory and imagination.
- e) use skills of presentation to enhance the final appearance of the paintings

- 17.2.0 Contents**
- 17.2.1 Materials and tools**
- 17.2.2 Atmospheric perspective**
- Tonal variations of colours
  - Depth
- 17.2.3 Painting quick sketches of**
- Natural forms
  - Man-made forms and structures
  - Human figures
- 17.2.4 Painting detailed Studies**
- Man-made forms and structures
  - Natural forms
  - Human figures
- 17.2.5 Painting compositions from memory and imagination**
- Man-made forms and structures
  - Natural forms
  - Sceneries
    - Landscapes
    - Townscapes
    - Landscapes
    - Seascapes
  - Living forms
    - Human
    - Insects
    - Animals
- 17.2.6 Presentation and display**
- Trimming
  - Mounting
    - Mat
    - Window
  - Framing
  - Finishing
- 17.2.7 Exhibition**
- Organizing of space
  - Selection of exhibits
  - Display of 2D works
- 17.2.8 Critique**
- Observation
  - Appreciation
  - Critique/comments/discussion
  - Assessment
- 18.0.0 GRAPHIC DESIGN (Time: 20 Lessons)**
- 18.1.0 Specific Objectives**
- By the end of the topic, the learner should be able to:
- a) identify and describe different visual and identification symbols
  - b) state and describe the systematic approach in solving a given design problems
  - c) apply the systematic approach in designing and producing a given identification symbol.
  - d) state and describe the printing techniques used in Graphic Design.
  - e) apply a specific technique to solve a given design problem using the systematic approach of problem solving in design.
  - f) apply the skills of presentation and display to enhance the appearance of artworks.
- 18.2.0 Content**
- Visual Symbols
  - Road signs
  - Sport symbols
- 18.2.1 Identification symbols**
- Coat of arms
  - Emblem
  - Badge
  - Trademark
  - Logo



- 18.2.2 Design problem solving process
- Brief specification from the client
  - Research
  - Layout/composition
  - Presentation to the client
- 18.2.3 Designing and producing a given visual identification symbol using the systematic approach to problem solving in Graphic Design.
- 18.2.4 Printing techniques
- Relief printing
  - Intaglio printing
  - Planographic printing
  - Stencil printing
  - Computer aided printing
- 18.2.5 Applying a specific printing techniques to design a visual identification symbol using the problem solving approach to solve a given design problems
- 18.2.6 Presentation and display
- Trimming
  - Mounting
    - Mat
    - Window
  - Framing finishing
  - Display
  - CD covers
  - cards
  - Visual symbols
  - Posters
  - Brochures
- 18.2.7 Exhibition
- Organization of space
  - Selection of exhibits
  - Display of 2D works

- 18.2.8 Critique
- Observation
    - appreciation
    - Critique/comments/discussion
    - Assessment

**19.0.0. POTTERY**  
**(Time: 12 Lessons)**

- 19.1.0 Specific Objectives
- By the end of topic, the learner should be able to:
- a) identify and describe the properties of clay as a material for pottery
  - b) identify and explain the two classes of clay and their characteristics
  - c) prepare clay for pottery
  - d) identify and describe the appropriate materials and tools for pottery
  - e) make containers and decorative forms using hand building techniques
  - f) identify and skillfully use appropriate techniques in decorating greenware.
  - g) store greenware appropriately
  - h) apply bisque firing technique as a finishing process in pottery
  - i) use skills of presentation to enhance the appearance of the pottery works.

**19.2.0 Content**

**19.2.1 Properties of clay**

- Plasticity
- Porosity
- Vitrification

**19.2.2 Classification of clay**

- Residual clay
- Sedimentary clay

**19.2.3 Preparation of clay**

- Crushing
- Slaking
- Mixing
- Sieving
- Draining
- Wedging
- Storage

**19.2.4 Materials, tools and Equipment**

**19.2.5 Hand Building Techniques**

- Dig
- Coil
- Slab
- Ball/pellets
- Scoop

**19.2.6 Greenware Decorative Techniques**

- Excising
- Incising
- Stamping
- Burnishing
- Slip trailing
- Inlaying
- Embossing
- Embedding

**19.2.7 Storage of Green Ware**

- Storage racks
- Storage room

**19.2.8 Firing**

- Saw dust kiln
- Bonfire kiln
- Open earth

**19.2.9 Exercises on both the hand building and greenware decoration techniques**

**19.2.10 Presentation and Display**

- Varnishing
- Finishing
- Open earth

**19.2.11 Exhibition**

- Observation
- Appreciation
- Critique/comments /discussion
- Assessment

**20.0.0 MOSAIC  
(Time: 8 Lessons)**

**20.1.0 Specific Objectives**

By the end of the topic, the learner should be able to:

- a) identify and analyse the concept and characteristics of mosaic
- b) explore and use the environment as a source of both inspiration and materials for making mosaic
- c) identify and select suitable materials in relation to colour for the chosen surfaces and subject matter of mosaic works
- d) skillfully apply the technique of mosaic making to produce pictorial compositions using colour.
- e) appreciate the concept and making of mosaic works of art
- f) use skills of presentation to enhance the appearance of the mosaic compositions.

**20.2.0 Content**

- 20.2.1 Concept
  - Definition
  - description
- 20.2.2 Characteristics of Mosaic
  - Mono-media
  - Colour
  - Tesserae
  - Interstices
- 20.2.3 Materials, tools and processes
- 20.2.4 Exercises in producing pictorial compositions on topical issues such as domestic violence, drug abuse aspects of HIV & AIDS pandemic, children's rights, technological advancement etc.
- 20.2.5 Presentation and display
  - Trimming
  - Mounting
  - Framing
  - Varnishing
- 20.2.6 Exhibition
  - Exhibits
  - Display
  - Space
- 20.2.7 Critique
  - Organization of space
  - Selection of exhibits
  - Display of
  - 2D works
  - 3D works

**21.0.0 FABRIC DECORATION  
(Time: 16 Lessons)**

**21.1.0 Specific Objectives**

- By the end of the topic, the learner should be able to:
- a) identify and describe the technique of printing in fabric decoration.
  - b) explore and use the environment as a source of ideas for the development of an appropriate motif for decorating fabrics
  - c) use the motif creatively to make repeat patterns

- d) identify, select and use appropriate materials and tools to skillfully produce prints on fabric for a specific purpose.
- e) apply precision skills of registration to produce prints on a fabric in more than one colour.
- f) Use the skills of presentation to enhance the final appearance of decorated fabrics.

**21.2.0 Content**

- 21.2.1 Printing Techniques
  - Stencil
  - Screen
  - Block
- 21.2.2. Materials, tools and equipment
- 21.2.3 Development of motifs
  - Abstract origins
  - Organic origins
  - Inorganic origins
- 21.2.4 Repeat patterns
  - Square network
  - Regular
  - Full drop
  - Half drop
  - Alternate
  - Inverse
- 21.2.5 Exercises on repeat patterns using different motifs.
- 21.2.6 Printing of fabrics by applying the skills of registration to produce prints on fabrics, in more than one colour
  - Registration
  - Printing

**21.2.7 Presentation and display of finished works**

- Mounting finishing
- Trimming
- Hemming
- Pleating
- Ironing

**21.2.8 Exhibition**

- Organization of space
- Selection of exhibits
- Display of 2D works

**21.2.9 Critique**

- Observation
- Appreciation
- Critique/comments discussion
- Assessment

**22.0.0 SCULPTURE  
(Time: 20 Lessons)**

**22.1.0 Specific Objectives**

By the end of this topic, the learner should be able to:

- a) identify and describe types of sculpture
- b) identify and describe the elements and principles of Art and Design in sculpture
- c) select and describe appropriate materials and tools for modeling, carving and construction
- d) use appropriate materials, tools, equipment and techniques in the execution of a sculpture of functional and aesthetic function
- e) use skills of presentation to enhance the final appearance of the sculptures produced.

**22.2.0 Content**

**22.2.1 Sculpture**

- Definition
- Concept

**22.2.2 Elements and principles of Art and Design in sculpture**

- Elements
  - Line and contour
  - Plane
  - Solid/mass
  - Void/hollows
  - Texture
  - Colour

**22.2.3 Principles of Art and Design in sculpture**

- Rhythm and movement
- Dominance
- Contrast
- Harmony/Unity
- Proportion
- Balance

**22.2.4 Types of Sculptures**

- Reliefs
- Low/bas relief
- High relief
- Inverse/intaglio
- Sculpture in the round

**22.2.5 Materials, tools and equipment for sculpture**

**22.2.6 Techniques and processes of sculpture**

- Modeling
  - Pellets/ball
  - Slab
  - Coil
- Carving
- Construction
- Welding/soldering/riveting
- Gluing
- Tying
- Nailing

.2.7 Production of works of sculpture  
of functional and aesthetic value  
for a specific purpose

.2.8 Presentation and display

- Painting
- Varnishing
- Display

.2.9 Exhibition

- Organization of space
- Selection of exhibits

- Space
- 2D works
- 3D work

22.2.10 Critique

- Observation
- Appreciation
- Critique/comments/  
discussion
- Assessment

## Form Four

### 23.0.0 DRAWING

Time: 24 Lessons)

#### 23.1.0 Specific Objectives

By end of the topic, the learner should be able to:

- a) make quick sketches of moving and static forms in a specified time limit.
- b) observe, analyse and record in details man-made forms, natural forms, human forms, animal forms, and sceneries using pen and ink
- c) employ the elements and principles of Art and Design creatively to draw pictorial compositions from
  - i) observation
  - ii) imagination
  - iii) memory
- d) use skills of presentation and display to enhance the final appearance of the drawings

#### 23.2.0 Content

##### 23.2.1 Quick sketches of moving and static forms

- Natural
- Man-made
- Human
- Animal

##### 23.2.2 Detail studies of

- Human figures
- Animal figures
- Man-made structures and forms
- Sceneries

- 23.2.3 Pictorial compositions on pertinent contemporary issues such as drug and substance abuse, social responsibility, effects of environmental pollution from
- Observation
  - Imagination
  - Memory

##### 23.2.4 Presentation and Display

- Finishing
- Mounting
- Framing
- Display

##### 23.2.5 Exhibition

- Portfolio
- Organization of space
- Selection of exhibits
- Display
- Stands
- Props

##### 23.2.6 Critique

- observation
- appreciation
- Critique/comments/discussion
- assessment

**24.0.0 PAINTING**  
(Time : 24 Lessons)

**24.1.0 Specific Objectives**

By the end of the topic, the learner should be able to:

- a) make detailed studies of a human figure
- b) use painting skills and techniques acquired to paint the human figure from observation
- c) analyse and appreciate different styles and technique of painting
- d) use skills of presentation to enhance the final appearance of the paintings.

**24.2.0 Content**

- 24.2.1 Details studies of
- full structure of human figure
  - parts of the human figure
- 24.2.2 Painting of structure of the human figure
- Full figure
  - Studies of parts
- 24.2.3 Presentation and display
- Trimming
  - Mounting
    - Mat
    - Window
  - Framing
  - Finishing
  - Display
- 24.2.4 Exhibition
- Portfolio
  - Organization of space
  - Selection of exhibits
  - Display

**24.2.5: Critique**

- Observation
- Appreciation
- Critique/comments/discussion
- Assessment

**25.0.0 GRAPHIC DESIGN**  
(Time: 24 Lessons)

**25.1.0 Specific Objectives**

By the end of the topic, the learner should be able to:

- a) define and design appropriate corporate identities
- b) apply the elements and principles of graphic design to create appropriate calligraphic letterings and illustrations according to given specifications.
- c) define cartoons and animation
- d) create cartoon characters and compose a cartoon strip
- e) use the skills acquire in cartoon drawing to produce 2d animation
- f) use skills of presentation and display to enhance the final appearance of the graphic works.

**25.2.0 Content**

- 25.2.1 Corporate identities
- Office stationery
    - Letterheads
    - Envelopes
    - Business cards
    - Advertising
    - Wrapping paper
    - Packaging

- 25.2.2 Calligraphic lettering and illustrations
  - Wall hanging
    - Textual
    - Pictorial with text
  - Brochures
  - Posters
- 25.2.3 Designing of posters, brochures and leaflets on topical issues such as HIV&AIDS awareness, environmental education, child rights, industrial developments etc.
- 25.2.4 Animated cartoons
  - Cartoons
    - Caricatures
    - Comics
    - 2D animation
    - Animated flipbook
- 25.2.5 Cartoon characters
  - Human
  - Animal
- 25.2.6 Applying the skills learnt in creations of cartoons to make cartoon characters and produce a 2 D animated strip
- 25.2.7 Presentation and display
  - Trimming
  - mounting
    - Mat
    - Window
  - Framing
  - Finishing
  - Operating
- 25.2.8 Exhibition
  - Portfolio
  - Organization of space
  - Selection of exhibits
  - Display
    - Stands
    - Props

- 25.2.9 Critique
  - Observation
  - Appreciation
  - Critique/comments/discussion
  - Assessment

**26.0.0 POTTERY  
(Time: 12 Lessons)**

- 26.1.0 Specific Objectives  
By the end of the topic, the learner should be able to:
  - a) Make decorative items using a combination of hand building techniques
  - b) Employ decorative techniques creatively on the fired works of pottery.
  - c) Use skills of presentation to enhance the final appearance of items made.

**26.2.0 Content**

- 26.2.1 Hand Building techniques
  - punch
  - coil
  - slab
  - ball/pellets
  - scoop
- 26.2.2 Bisque Firing
  - Open firing
  - Closed firing
- 26.2.3 Decorative techniques
  - Burnishing
  - Incising
  - Inlaying
- 26.2.4 Presentation and display
  - Varnishing
  - Finishing
  - Display



- 5.2.5 Exhibition
- Organization of space
  - Selection of exhibits
  - Displays of 3D works

- 6.2.6 Critique
- Observation
  - Appreciation
  - Critique/comment/discussion
  - Assessment

**7.0.0 SCULPTURE**  
Time: 12 Lessons)

- 7.1.0 Specific Objectives
- By the end of these topics, the learners should be able to
- a) Define the concept of casting
  - b) Identify and describe the characteristics, possibilities and limitations of casting as a technique of sculpture.
  - c) Use tools, materials, equipment and casting techniques to produce a sculpture
  - d) Use skills of presentation to enhance the final appearance of the sculptures produced.

**27.2.0 Content**

- 27.2.1 Casting
- Concept
  - Definition
  - Description
  - Process

- 27.2.2 Materials tools and equipment for casting
- Clay
  - Slip
  - Plaster of Paris
  - Moulds

- 27.2.3 Techniques
- Press mould
  - Slip mould

- 27.2.4 Production of works of sculpture of both financial and aesthetic value by applying the casting techniques.

- 27.2.5 Presentation and display
- Finishing
  - Firing
  - Varnishing
  - Painting

- 27.2.6 Exhibition
- Organization of space
  - Selection of exhibits
  - Display of 3D works

- 27.2.7 Critique
- Observation
  - Appreciation
  - Critique/comments/discussions
  - Assessment

- 5.2.5 Exhibition
- Organization of space
  - Selection of exhibits
  - Displays of 3D works

- 6.2.6 Critique
- Observation
  - Appreciation
  - Critique/comment/discussion
  - Assessment

**7.0.0 SCULPTURE**  
Time: 12 Lessons)

- 7.1.0 Specific Objectives
- By the end of these topics, the learners should be able to
- a) Define the concept of casting
  - b) Identify and describe the characteristics, possibilities and limitations of casting as a technique of sculpture.
  - c) Use tools, materials, equipment and casting techniques to produce a sculpture
  - d) Use skills of presentation to enhance the final appearance of the sculptures produced.

**27.2.0 Content**

- 27.2.1 Casting
- Concept
  - Definition
  - Description
  - Process
- 27.2.2 Materials tools and equipment for casting
- Clay
  - Slip
  - Plaster of Paris
  - Moulds
- 27.2.3 Techniques
- Press mould
  - Slip mould
- 27.2.4 Production of works of sculpture of both financial and aesthetic value by applying the casting techniques
- 27.2.5 Presentation and display
- Finishing
  - Firing
  - Varnishing
  - Painting
- 27.2.6 Exhibition
- Organization of space
  - Selection of exhibits
  - Display of 3D works
- 27.2.7 Critique
- Observation
  - Appreciation
  - Critique/comments/discussions
  - Assessment

## SUGGESTED TEACHING AND LEARNING RESOURCES

### INTRODUCTION

- Resource persons
- Artifacts
- Magazines
- Books
- Cut outs
- Newspapers
- Posters

### ELEMENTS AND PRINCIPLES OF ART AND DESIGN

- Pens
- Rulers
- Erasers
- Paper
- Charcoal
- Colour wheel
- Textured forms
- Samples of art works
- Realia

### DRAWING

- Pencils
- Pens
- Charcoal
- Chalk
- Crayons
- Rulers
- View Finder
- Glue
- Cello tape
- Pastel
- Felt pens
- Drawing surfaces
  - paper
  - Boards
  - Cloth
- Manmade and natural forms
- Live animals and human models
- Visits to places of interest such as;
  - Art exhibitions
  - Museums
  - Industries

- Workshops
- galleries

### PAINTING

- Pens
- Coloured pencils
- Charcoal
- Crayons
- Brushes
- Chalk
- Paints
- Canvas
- Pullet knives
- Artifacts
- Blades
- Scissors
- Rulers
- Varnish
- Fixative
- Labels
- Magnifying glass
- Mass media
- Pastel
- Inks
- Dyes
- Paper
- Boards
- Cloth
- Samples of artworks
- Sponge
- Man made and natural forms
- Samples of painting by Kenyan artists
- Mounting boards
- Adhesives
- Glue
- Masking tapes
- Cello tape
- Manmade structures
- Live models
- Newspaper and magazine clippings

### **COLLAGE**

- Sample of collage compositions
- Adhesive
- Supports
- Reference books/magazines/cuttings
- Cutting tools
- Seeds
- Fabrics
- Beads
- Paints
- Brushers
- Mounting boards
- Varnish
- Plaster of Paris
- Pliers
- Sand paper

### **MONTAGE**

- Samples of montage compositions
- Reference books
- Picture cut outs
- Adhesive
- Boards
- Miscellaneous drawings and paintings
- Canvas
- Cutting tools
- Mounting materials
- Farming materials
- Varnish

### **MOSAIC**

- Samples of mosaic compositions
- Reference books
- Supports
- Banana fibre
- Paper
- Glass
- Seeds
- Egg shells

### **WEAVING**

- Samples of woven items
- Rigid heddle loom
- Yarn
- Beater
- Frame loom
- Seeds
- Banana fibres
- Sisal fibres

### **SCULPTURE**

- Samples of sculpture
- Reference books
- Adze
- Axe
- Pangas
- Chisels
- Carving knives
- Modeling stands
- Existing forms of moulds
- Plaster of Paris
- Display surfaces
- Varnish
- Paints
- Sand paper
- Brushes
- Burnishing tools
- Clay
- Slip

### **FABRIC DECORATION**

- Samples of decorated fabrics
- Reference books
- Resource persons
- Printing blocks
- Dyes and inks
- Fixatives
- Wax
- Scissors
- Rollers
- Glass pane
- Brushes
- Tjanting tool
- Needles
- Iron boxes
- Mounting boards
- Tracing paper

- Carbon papers
- Thread
- Paper
- Paper stencils
- Chalk
- Polythene
- Pegs
- Screen
- Squeegee
- Blades
- Pens
- Pencils
- Buckets
- Surfaces
- Paints

#### POTTERY

- Clay
- Greenware
- Fired work
- Reference books
- Grog
- Sticks for mixing
- Cutting lines
- Sieves
- Dying bath
- Varnish
- Paints
- Wedging surface
- Polythene bags
- Plastic containers
- Dug pits
- Hammer
- Rolling pins
- Kidney scrapers
- Open earth kilns.
- Decorative tools
- Sharp pointed tools
- Stamping tools
- Brushes
- Burnishing tools
- Scooping tools
- Samples of pottery work
- Spoon/flat knife
- Polished stones
- Slip

- Embedding materials
- Embossing tools
- Bricks
- Saw dust
- Firewood
- Dry grass
- Matches
- Storage racks
- Storage rooms
- Display surfaces

#### GRAPHIC DESIGN

- Samples of graphic design work
- Drawing instruments and equipment
- Pens
- Pencils
- Rulers
- Geometrical sets
- Paper
- Samples of calligraphic works
- Samples of bamboo pens, inks and pens, charts,
- Display surfaces
- Samples of layout
- Samples of cards
- Manila paper
- Scissors
- Blades
- Samples of graphic illustrations
- Samples of posters
- Samples of book covers
- Samples of page layout
- Samples of identification symbols
- Samples of charts
- Sample of prints
- Rollers
- Printing tools and equipment
- Adhesive
- Inks
- Finished artworks
- Display corner
- Cutting blades
- Mounting board
- Samples of corporate identities
- Poster/paints/colours
- Calligraphic pens

## ORNAMENTS

Reference books  
Samples of ornaments and jewellery  
Notebooks  
Pens  
Paints  
Beads  
Strings  
Varnish  
Bone  
Wood  
Clay  
Leather  
Shells  
Seeds  
Sandpaper  
Mounting boards  
Carving knives  
Stamping tools  
Clippers  
Pliers  
Needles  
Brushes  
Tweezers  
Heat source  
Burning tools

- Adhesives
- Sharp tools
- Papier mache'
- Publications
- Flora
- Fauna
- Open fire kiln
- Pins
- Samples of ornaments for identification and ceremony.

## Suggested Teaching Methods

- Question and answer
- Explanation
- Story telling
- Discussion
- Dramatization/skit
- Demonstration
- Field trips and excursions
- Role play
- Team work and exchange of ideas and experience
- Research

## Suggested Methods of Assessment

1. Practical work
2. Oral questions
3. Written quizzes
4. Critique
5. Written tests and examinations
6. Group discussions and reports

	CONTINUOUS ASSESSMENT	FINAL ASSESSMENT
a) Theory	<ul style="list-style-type: none"><li>• Oral</li><li>• Written paper</li></ul>	<ul style="list-style-type: none"><li>• Written paper</li></ul>
b) Practicals	<ul style="list-style-type: none"><li>• Objective observation of completed work and work in progress</li><li>• Critique</li></ul>	<ul style="list-style-type: none"><li>• Objective observation of completed work</li></ul>