

“Teaching Of School Subjects Through Art - Integrated Learning”

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Abstract:

The new Education policy 2020 Concept of Art across the school curriculum and Arts as an approach to learning NCERT has developed modules on Arts and Arts Education and integration of Arts with other school subjects like mathematics, science, social and Language and the capacity building of primary and secondary teacher's on Art integrated learning and its implementation in classroom teaching learning.

Arts - Integrated learning will support teacher's assessment of application skill of the student in their subjects.

Keywords: Art Education, Integrated Learning, School Subjects.

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I. Introduction:

“Art is a diverse range of human activities in creating visual, auditory, or performing artifacts, expressing the author's imaginative or technical skill, intended to be appreciated for their beauty or Emotional power”.

As per Sigmund Freud studied like all such Psychological problems like Depurations, Stress - Strain and hysteria cases and recommended art activity as a compulsory activity in schools because it is art which can let out repressed emotions in the form of beauty and can avoid destructive activity. As a matter of fact the Psychological theory of art is emotional theory of art when human emotions are repressed, their let out becomes the genesis by art. All kind of art image due to let out of repressed emotion, repressions of emotions in psychologically dangerous for the human life. And let out of the emotions is only possible through art activities.

II. Objectives of Teaching Art Education:

1. To draw out and work with different faculties simultaneously i.e. physical initiative, emotional, sensual and mental through practical exercises.
2. To help the students develop their creative potentialities firmly logically in a quick and correct manner.
3. To develop in the students a discriminations sensibility to different art media.
4. To make the students aware about the versatility of art in school subjects and society also.
5. To help the students understand of the art structure in elements such as design form, colors, composition, base materials like Paper's pencils, brushes, stands and erasers, etc.

III. Classifications of Art activities:

Art activities classified up to three parts

- A. Visual Art
- B. Performance Art
- C. Literary Art

(A) Visual Art

- a. Drawing
- b. Painting
- c. Designing
- d. Sculpture

(B) Performance Art

- a. Drama
- b. Puppetry
- c. Music
- d. Dance

(C) Literary Art

- a. Creative writing (i) Prose (ii) Poetry
- b. Creative Speeches (i) Recitation (ii) Declamation (c) Debates

Types of Drawing:

1. Model Drawing
2. Memory Drawing
3. Geometrical drawing
4. Pattern drawing
5. Free Hand Drawing
6. Cartoon Drawing
7. Nature Drawing
8. Object Drawing
9. Still Life Drawing
10. Building Drawing

The main objectives of school level subjects:

- To develop literacy and numeracy skills and social awareness.
- To create scientific attitude.
- To promote vocational efficiency and productivity.
- To develop qualities of political, social, industrial and cultural leadership.
- To prepare children for higher education.

These are realized by exposing the student, to various scholastic and co-scholastic subjects. At this stage, the scholastic subjects include study of three languages, Mathematics, Environmental Studies, I (Social Studies) and Environmental studies II (Science).

The co-scholastic components include knowledge of socially useful productive work, Health and Physical Education, Art Education and Moral Education.

The general objectives of teaching the scholastic subjects can be stated as follows:

Languages: Develop listening, speaking reading and writing skills.

a) Prose b) Poetry

Mathematics: Develop thinking reasoning analyzing and articulation.

a) Geometry b) Trigonometry c) Statistical part, graphs, curve, etc.

Science: Develops spirit of enquiry, creativity, objectivity courage to question and aesthetic sensibility and develops problem solving and decision making skills.

a) Bio Science b) Zoological Science c) Physical Science d) Chemistry

Social Studies: Develop universal and eternal values, unity and integration, social and emotional integration, right attitudes, values and interests.

a) History b) Geography c) Civics d) Commerce

School Subjects Integrating with Art activities:

Arts integrated learning is a creative and constructive teaching learning approach through which students demonstrate their understanding of a concept through various art forms. Arts integration signifies exploration of academic content (Ideas, concepts, prior knowledge) and skill sets to be acquired by a student through the lens of various forms of Arts.

Languages and Art activities

Use of I (Performing Art and Literary Art)

- a. Creative speeches
- b. Recitation
- c. Declamation
- d. Debate, etc

Use of II (Visual Arts)

- a. Drawing, Painting & Designing
- b. Hand Writing and Calligraphy
- c. Decorative Littering

Mathematics and Arts activities:

Use of visual art

(a) Geometrical construction like (Different types of polygon, views prospective, isometrics, orthographic, (b)

Geometrical Drawing:

- a. Triangle – Right angle – Circular
Square - Pentagon, Hexagon, etc.
- b. Different types of lines
 - a. Parallel lines
 - b. Horizontal lines
 - c. Vertical lines

Science and using Art activities:

Science is a systematic knowledge about events and things:

Branches of sciences: (i) Boi-Science (ii) Zoological Science (iii) Physical Science (iv) Chemistry

(i) Boi-Science and Integration of Art

Botany:

Botany is the branch of Biological Science that deals with study of Plants, Plants structure and their properties, classification of plants, etc.

Art activities:

Visual Art

- (i) Plants (Free hand drawing)
- (ii) Cells (Free hand drawing)
- (iii) Root and its parts (Free hand drawing)
- (iv) Flower and its parts (Painting from nature, colour)
- (v) Types of Lives (Free hand drawing)

Subject Zoology:

Zoology is the branch of Biological Science Zoology that deals with the study of Human and Animal kingdom like:

Subject Physical Science:

Physical science is one of the branches of natural science that studies non-living systems

Physical science and use of Art activities:

In this subject use of free hand drawing to draw simple pendulum, graphs-light, lancers, tables, sound, simple machines, drawing, etc.

Subject Chemistry:

Chemistry is to study of matter and its properties and also behavior of matter.

The scientific study of the structure, substance and what happens to them in different condition or reactions.

Chemistry and use of Art activities:

To draw the diagram of different types of experiments like preparation of Oxygen, Nitrogen, Hydrogen, Electronic structure, Atoms, Periodic table, etc.

Social Studies:

Social studies and use of Art activities:

Social studies a part of school subject to study the social relationships and the functioning of social and also integrated with history, civics, geography, commerce, humanities, anthropology, etc.

Bio-Science

Draw different types of plants and Roots - Cells lines.

(Zoology)

Ameba - Tiara - Flames, insects

(Physics)

Draw - Simple pendulum graphs

Tables - Sound - Simple machines

(Chemistry)

To draw the diagram of experiments – preparation of oxygen.....

Environmental Studies I

Social Studies

Use of Art

- a. Computer Added Design CAD
 - b. Maps
 - c. Diagrams – Graphs (Circular Graphs)
 - d. Signs and symbols
 - e. Solar Eclipse
 - f. Lunar Eclipse, Longitude/Latitude
- a. History - Visual and Performing, like Drama
 - b. Geography – Solar Eclipse, Lunar Eclipse – Maps
 - c. Civics – Parliament – Flow chart
 - d. Local Bodies, Flow chart
 - e. Indian Judiciary – Flow chart

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