



USE OF SCULPTURE ART IN SCIENCE TEACHING

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1. Introduction

Sculpture is the branch of the visual arts that operates in three dimensions. It is one of the plastic arts. Durable sculptural processes originally used carving (the removal of material) and modelling (the addition of material, as clay), in stone, metal, ceramics, wood and other materials but, since Modernism, there has been an almost complete freedom of materials and process. A wide variety of materials may be worked by removal such as carving, assembled by welding or modelling, or moulded, or cast. Sculpture in stone survives far better than works of art in perishable materials, and often represents the majority of the surviving works (other than pottery) from ancient cultures, though conversely traditions of sculpture in wood may have vanished almost entirely. However, most ancient sculpture was brightly painted, and this has been lost.

Science education is the field concerned with sharing science content and process with individuals not traditionally considered part of the scientific community. The learners may be children, college students, or adults within the general public; the field of science education includes work in science content, science process (the scientific method), some social science, and some teaching pedagogy. The standards for science education provide expectations for the development of understanding for students through the entire course of their K-12 education and beyond. The traditional subjects included in the standards are physical, life, earth, space, and human sciences.

2. Title:

Use of Sculpture Art in Science Education

3. Statement of the Study:

To study the use of sculpture art in science education

4. Objective of the Study:

1. To study the use of sculpture art in science education

5. Scope:

1. The Study is related to science subject for Class 9th CBSE board

6. Limit: The study is depended upon the responses made by experts.

7. Delimit: The study is delimited to 9th STD Science textbook according to CBSE.

1. The Subject other than Science is not considered for the study.
2. Data Collection Tool is developed by researcher

8. Method of the Study:-

1. Document Analysis
2. Data Collection Tool :-
3. Schedule
4. Interview with expert

9. Data Analysis and Interpretation:-

Sr.No.	Title of the topic	Possibility of the SCULPTURE (Yes/No)
1.	▼ ✨ 🔗 🔗 🔗 🔗 ✓ ■ ✓ ⚡ ? ✓ × ? ✓ ✓ ✖ ? ✓ × ■ ✓ × ⚡ ⇒ Matter in our Surrounding	Yes
2.	Is matter around us Pure	No
3.	Atoms and Molecules	Yes
4.	Structure of the Atom	Yes
5.	The Fundamental Unit of Life	No
6.	Tissue	Yes
7.	Diversity in Living Organism	Yes
8.	Motion	Yes
9.	Force and Laws of Motion	No
10.	Gravitation	No
11.	Work and Energy	Yes
12.	Sound	No
13.	Why do we fall ill	No
14.	Natural Resources	Yes
15.	Improvement in Food and Resources	No

Data interpretation:- 53.33% Topics have possibility of sculpture art.

Outcomes of the Study:-The use of sculpture art is “Better” to enhance the teaching learning process.

Conclusion

School should arrange workshop to enhance teacher’s skills related to sculpture art. The field of science education includes work in science content, science process (the scientific method) some teaching pedagogy.

References

- Day, C. (1991). Roles and relationships in qualitative research on teachers' thinking: reconsideration. Teaching and Teacher Education, 7, 537-547.)*
James V. Kahn and John W. Best Research in Education (10th Edition)
<http://www.wikipedia.com>
<http://www.ncert.nic.in>