

2009 年臺灣國際科學展覽會

優勝作品專輯

國家：South Africa

編號：140027

作品名稱

Art is Science

得獎獎項

Physics & Space Sciences Third Award

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Art is science

Abstract

Purpose of Research

To discover if application of creativity in art can improve the outcome of one's ability to do Physical Science.

Procedures

I compiled questionnaires that consisted of a choice between two art pictures. Volunteers had to give Physic's and Mathematics mark as well as to choose a picture to redraw. An experiment was also compiled where volunteers wrote a Physical Science paper, and there after had Art Journals to complete where they had to redraw a picture everyday for two weeks, a second Physical Science paper was written after and marks were compared with the previous one.

Data

More than 50% of students with Physic's marks higher than 70% in Grades 10-12 obtained a highest ratings for art drawing. Majority of volunteers marks improved in the second Physical Science paper after completing Art journal.

Conclusion

That students with high Physic's marks are able to be very artistic and that application of creativity into art can in the long run improve ones understanding of Physical Science.

Bibliography

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評語

This is an interesting study, trying to relate students' creativity in drawing to their achievements in physical science. Although students' drawings are rated by a rubric developed in this study, there is only one rater. The reliability of this study can be improved if there are more than one rater.