



A Study of Lateral Thinking of Secondary School Principals

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1. Introduction

As human Beings, people have different ways of thinking. The way they think will influence their decisions. A way of thinking that seeks a solution to an intractable problem through unorthodox methods or elements that would normally be ignored by logical thinking. The term was coined in 1967 by Edward de Bono. He divides thinking into two methods. One 'vertical thinking' that is, using the processes of logic, the traditional-historical method. He calls the other 'lateral thinking', which involves disrupting an apparent sequence and arriving at the solution from another angle. Nowadays some people try to improve their potential to think uniquely. This type of thinking also called Lateral thinking.

2. Explanation of the terms

2.1 Lateral thinking

Idea generation and problem solving technique in which new concepts are created by looking at things in novel ways. Whereas the logical ('vertical') thinking carries a chosen idea forward, the sideways ('lateral') thinking provokes fresh ideas or changes the frame of reference. And, while vertical thinking tries to overcome problems by meeting them head-on, lateral thinking tries to bypass them through a radically different approach. The term was coined by the Maltese-born UK psychologist Dr. Edward de Bono in his 1970 book 'Lateral Thinking.' See also heuristics.

3. Importance of proposed research work

Study is important in order to truly understand the approach. It is said that information will stick with longer if study out the reasoning behind the information.

1. After study, we will find the Lateral Thinking of secondary school principals.

2. After study, we will also know that the training /seminar/concept clear meeting will be held or not held for the better secondary education.
3. The research will be used for G.S.E.B. and G.H.S.E.B. for making creative principals in education field.

4. Variables

This study includes different variables as below:

Gender: (1) male (2) female

School's type: (1) Grant in added (2) self-finance

5. Objectives of the study

1. To study the Lateral thinking of secondary school principal.
2. To construction and standardization the lateral thinking test for secondary school principals.
3. To study the Lateral Thinking of secondary school principals in the context of gender.
4. To study the Lateral Thinking secondary school principals in the context of school type.

6. Hypothesis of the study

Excellent research begins with a clear hypothesis which can be examined by the generation of new data by different technique.

H₀₁ There will be no significant difference between Lateral Thinking of male and female principal's of secondary school.

H₀₂ There will be no significant difference between Lateral Thinking of Grant in added and self finance school principals of secondary school.

H₀₃ There will be no significant difference between Lateral Thinking of male Grant in added and self finance principal's of secondary school.

H₀₄ There will be no significant difference

between Lateral Thinking of female grant in added and self-finance principals of secondary school.

7. Delimitation of the study

1. This study restricted only for Gandhinagar district.
2. Only Grant in added schools and self finance schools will be included in this study.
3. Lateral thinking test will be limitation of the study.

8. Research Methodology

The research design for knowing the score of Lateral thinking of secondary school principal. Survey method will be conducted to collect data.

9. Population and sample

The samples for the study were selected by using Random sampling method from Gandhinagar.

10. Tool Used

To collect the requisite data for the present study, the researcher will use the following tools
To study the Lateral thinking of the principals, lateral thinking test will be constructed.

11. Statistical Technique used

't-test' will be used to analyze the hypothesis. The obtained data will be subjected to further statistical analysis to give meaningful result with the level of "t-test" for principals.

12. Major finding of the study

1. Mean score of the male principals and female principals were found significantly same.
2. Mean score of the self finance school principals were found significantly higher than the mean score of grant in added school principals.
3. Mean score of the male self finance

principals were found significantly higher than the mean score of male grant in added principals.

4. Mean score of the female self finance principals were found significantly higher than the mean score of female grant in added principals.

13. Educational Implication

The thinking ability is fast gaining importance all over the world. This new type of thinking lateral thinking where a person avoids willingly the most predictable answer of a problem. Our education although pays a lot of attention to achievement and intelligence, lateral thinking is being ignored for once and all.

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