

Research Article

A Study on Problem Solving Ability in Relation to Self Confidence

V. Lincy Pushpa¹ & Dr. K.A. Sheeba²

¹Research Scholar, Stella Matutina College of Education, Chennai, TN, India.

²Asst. Professor of Physical Science, Stella Matutina College of Education, Chennai, TN, India.

ORCID: <https://orcid.org/0009-0004-6936-0079>

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Abstract

Self-confidence is the best outfit which everyone should wear it every day to face the problems of their life and to achieve the real purpose of the life. Topic of the study is a study on problem solving ability in relation to self-confidence. Main Purpose of the study is to find the relationship between problem solving ability and self confidence among high school students. Tool used for the study is Problem Solving Inventory (PSI) which was constructed and standardized by P. Paul Heppener (1988) and Self-Confidence Inventory constructed by the investigator. Stratified random sampling method was used. The sample size is 498. Finding of the study is there is a significant relationship between Problem Solving Ability and Self Confidence among IX standard students.

Keywords: Problem solving ability, Self-confidence and High School Students

Introduction

SUCCESS does not mean an absence of problems; it is overcoming problems. Success is not measured by how high we go up in life, but how many times we bound back when we fall down. -SHIV KHERA

Problem solving plays a crucial role in the society. The world is full of challenges and one should locate the goal and move forward with Self-Confidence which will give the ability to solve any problems. Moreover, problem solving ability is the need of the hour and the problem-solving skill is much required to anyone to face the challenges of the society. Lack of problem-solving ability leads to many problems and it is self-confidence which prepares for facing these challenges and accepting these challenges as successfully. Self-Confidence is the

belief that we are generally capable of achieving the results we want. Self-Confidence is related with success and it is related to finding solution to the problems.

A confident attitude and a faith in oneself and one's ideas are essential in getting ahead but it should also be remembered that self-confidence grows with success that means it is desirable to develop those qualities within oneself that makes for success. It has been found that the child who perceives himself to be confident, adequate and a person of worth has more energy to spend on academic achievement and will use his intelligence to be utmost, on the other hand, the child who perceives himself as worthless incapable and less confident may not come up to the optimum level of attainment. Now days due to the technical advancement everyone doesn't have patience to adjust for the current circumstances and in order to strive success apart from the self-confidence attitude.

Need and significance of the Study

In the new era of information and technology the present students are positively gaining up-to-date knowledge which leads to a higher level of self-confidence. Moreover, due to the higher level of technological advancement, everything in their daily life has been made easy with the help of internet which leads to lack of understanding. Problems in the reality results in lower problem-solving ability and also due to poor problem-solving ability students are not ready to face the problem. Hence the present study is the need of the hour.

It is evident that now-a-days no one has the patience to wait for the right time nor accepting or adapting to the flow of the society. Now, students are concentrating only on winning, but they are not taught how to handle problems/failures. Hence one could see lots of suicide among students when it comes to either results or when they face problems in home or classrooms.

Students are expecting a smooth life without any problems in life and they were not taught to face problems with self-confidence. Their education system is in such a way that they define success as purely an academic and not in any other way. But practically academic success is only a part of their life and is not a whole life and this study will provide a detailed overview about the student perceptions and understanding about problem solving and self-confidence.

Hypothesis

There is no significant relationship between Problem Solving Ability and Self Confidence of IX standard students.

Objectives of the Study

The objective of the study is finding the correlation between Problem Solving Ability and Self Confidence of standard IX students.

Tools used for the Study

For the present study the following tools were employed to collect the data.

- ❖ Problem Solving Inventory (PSI) constructed and standardized by P. Paul Heppener (1988).
- ❖ Self-Confidence Inventory constructed by the investigator.

Methodology

In order to get information from the high school students for this study, the researcher used survey method (descriptive research). Stratified random sampling method was used for this study. A survey is a highly organized questionnaire that is used to gather data from a large number of respondents that are representative of certain demography.

Analysis of data

Data was collected from 498 students drawn from high schools of different school type. The variable studied in present investigation is Problem Solving Ability and Self-Confidence. Correlation was carried out to find the significant relationship between Problem Solving Ability and Self-Confidence.

Nature of the selection of the sample

The sample for the study was collected using stratified random sampling. Representative samples of 498 Students studying in IX standard in Chennai District were collected. For the present study samples were collected from Government, Government Aided and Private schools. Both Tamil and English medium students were included. The sample consisted of boys and girls. The distribution of sample is given in the table 1.1.

The investigator visited the particular schools to obtain the permission of heads of institutions. After getting permission the investigator distributed the questionnaire and instructions gave to the students on how to respond to the statement, given in the questionnaire.

The personal data sheet was also circulated along with the questionnaire with proper instruction.

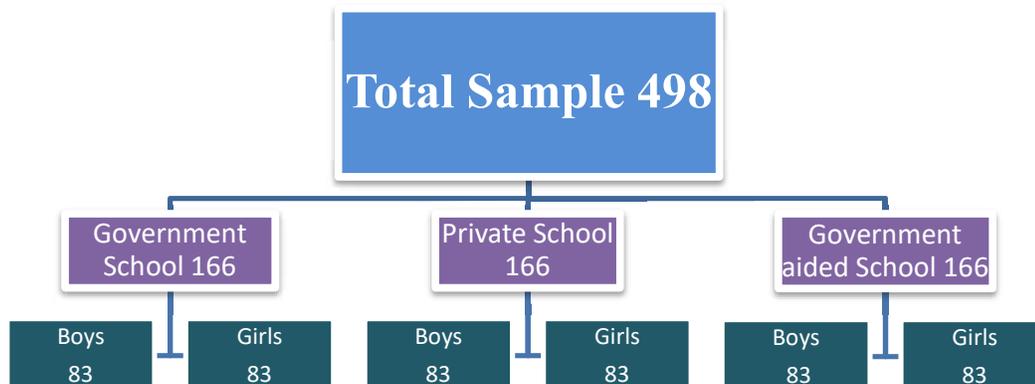
Table 1.1
School Wise Distribution of Sample Selected for the Study

Name Of the Institution	Type of School	Total
Pathipaga Chemmal K Ganapathy Higher Secondary School, Kodambakkam.	Government	498
Loyola Boys Higher Secondary School Kodambakkam	Private	
Fatima Girls Higher Secondary School Kodambakkam	Private	
KK Nirmala higher secondary school, Ashok Nagar.	Government Aided	
Ramakrishna higher secondary school, T. Nagar.	Government Aided	

The sample consisted of 249 boys and 249 girls studying in higher secondary school students as shown in the flow chart figure 1.2.

Fig 1.2

Flow Chart Showing the Distribution of the Total Sample



H1-There is no significant relationship Between Problem Solving Ability and Self Confidence of IX standard student.

Table 1.2

Table showing the correlation between Problem Solving Ability and Self Confidence of IX standard students

Variables	N	R	Significance level
Problem solving ability and self-confidence	498	0.316	0.000

From the above table 1.2 the significance value is less than 0.05, so that, null hypothesis is not accepted. Hence there is significant relationship between Problem Solving Ability and Self Confidence among IX standard students.

Findings of the study

Finding of the study is there is a significant relationship between Problem Solving Ability and Self Confidence among IX standard students.

Educational Implication

The present study focuses on the problem-solving ability in relation to the self-confidence of the students. Problem solving ability tend to differ from students with different level of Self-confidence, students with higher level of self-confidence will be having higher level of problem-solving ability and vice versa. It is interesting to note that self-confidence has a big role in the problem-solving ability.

As the self-confidence plays a vital role in problem solving ability the education system should focus on enhancing self-confidence by conducting motivational seminars, personality development programs and also include them in the syllabus in order to prepare them for the society in future and make them mentally strong to face all the challenges in the society and to would them to handle all kinds of stress and pressure which evolves from the society and to train to handle on their own.

Conclusion

Hence the problem-solving ability and self-confidence is the core quality in the field of education and our education system should focus on these core qualities to enhance the ability

of the students to face the challenges in their life and make them to give surprise to the world.

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