

IMPORTANCE OF ACTION RESEARCH IN EDUCATION

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ABSTRACT

Action research means such as scientific research which is concerned with practical aspect of education in its scientific research a conducted for the solution of the very definition, our problem which comes across the day-to-day activity of the pupil's teacher, school and education officers all person collect evidence relating to their experiences for action hypothesis method and explore the reasons of the problem this the problem as well as the task too goes on.

Keywords: Action Research, Scientific Research, Action Hypothesis, Investigative Activity.

Introduction

The process of teaching and learning involves human being who behave according to their motive environment intelligence social culture and social economic conditions during actual teaching most effective and effective efficient teacher as well as most intelligent students at times face various problem which deserve careful through action search.

Definition of Action Research

The following definition explain the meaning of action research more clearly.

- **According to the Stephen M. Correct**

The process by which participations attempt to the study their problems scientifically in order to guide correct and evaluate their discussions and action in what a number of people have called action research”.

- **According to M.C. Rathore and Other**

Action research is organized investigative activity aimed towards the study and constructive change of a given endeavour by individuals or group concerned with such change and improvement”

Type of Education Research

Educational research is of following three types.

- Historical,
- Descriptive
- Experimental
- **Historical Meaning:** according to John W. best” historical research involves identification and limitation of the problem formulation of the hypothesis collection and organisation verification and validation and analysis of the data testing the hypothesis and writing of historical facts.”

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- **Descriptive Meaning:** in descriptive research a problem concerning education involves. example of such problem is." unrest among student and its remedy" according to the John W.best, it is concerned with condition of relationship that exist, practice that prevail believe point of view or attitudes that are held process that are goings on effects that are being being or trends that are developing"
- **Experimental Meaning:** This method of research in difficult but the result driven or valid and reliable in the worlds of jhon. W best –"experimental research is the description and analysis of what will be or what will occur under controlled conditions."

The Purpose of Action Research

Those engaged in the task of education have to face many such problem which hinder the education of children the purpose of action research is to enable the teacher and other to find out solution of such problem on the basis of their own investigation as this process will immediately point out to remedial measures to be adopted. in other words we may say that the main object of action research is to improve the method and process of education in the school. This type of research is different from other type of research which are after feeding out facts and interpreting or re- integrating the already available materials or data.

In the action research the problem partners day to day today working in the school and on the basis of obtained result and attempt is made to formulate new rules and method of work.

The above indicated purpose point out to the great importance of action research for our school. through these techniques many of the traditional method used in education blindly may be modified to the best advantage of the student as a result the work in the school will become more object and scientific many problems of the school such as, indifference student towards certain co- curriculum activities their disinterestedness for particular subject their dislike of certain personality in the school may be investigated through action research technique for feeding out useful solution. Advantage of action research- modern age is democratic for it success education is external she is not an easy task to organised education properly we observe many day to day the problem become horrible before the teacher, manager and administration.in order to solve these problems, action research occupies an important place .in short action research is useful in many ways the main advantage are:

- Action research develop scientific attitude in the teacher.
- This can raise the achievement level of the pupils.
- Action research enables the school to organize proper programmes for the development of the pupils.
- With the help of action research curriculum can be developed.
- This can solve the problem of indiscipline.
- Action research can preserve the democratic values by eliminating traditional and mechanical environment.
- Action research can solve the problem delinquency and backwardness.
- Action research can remove the discrepancy among pupils and teachers which occurs due to social cause.

With the help of action research, decision can be taken regarding the day-to-day problem which occurs before the principals, supervisor, administrators and managers .in other words they can remove them by evaluating their own working methods. Teacher can adopt such a teaching method by studying the interest, needs and ability of the pupils so that the teaching may become interesting and an all-round development of the pupils may take place. etc.

Conclusion

From the above description it is very much clear that action research is much important in the field of education .it inspires all the teacher, manager and administrators to work together with cooperation. This solves the most difficult education problems very easily.

Methodology of Action Research

Methodology or steps of action research should proceed in following sequence:

- Identification of the problem.
- Defining and delimiting the problem.
- Analysing the probable cause of the problem.

- Formulation of action hypothesis.
- Base line data.
- Tools for collecting data.
- Formulation of action design.
- Evaluation of the result of action research etc.

Evaluation of the Result of Action Research

By testing hypothesis on the basis of results received from the activities performed according to the design of the action research, it is revealed that before conducting action research 48 out of 60 or 80 per cent pupils did not complete the home work. Only 12 or 20 per cent pupils did not complete the home work. Only 12 or 20 per cent pupils did home work in time. But the research revealed that only 27 or 45 per cent pupils lagged in doing homework rest 33 or 55 per cent pupils started doing homework carefully. In this way in three months, the number of pupils who started home work raised up to 35 per cent. Consequently, it can be said that if pupils are checked carefully daily their knowledge will definitely enhance. There is possibility of improvement in the education system.

Outline of Action Research

The following is the outline of action research.

Name of the Teacher	:	Mrs Vipin Kumar Vashisht
Name of the School	:	D.A.V intermediate school Baghpat U.P
Class	:	9 th
Area of the problem	:	Not doing homework in English.
Pin-pointed problem	:	To create a habit in these pupils of doing homework in English who shows carelessness and fails to do it in time.

Problem of Causes

- Individuals difference.
- Lack in intelligence.
- Domestic environment.
- Lack of furniture in the class room.
- Weak eye sight.
- Impaired hearing.
- Non- understanding of questions given in the home work.
- Doing homework carelessly.
- No checking of home work.
- No marking of home work.
- No punishment of the defaulters.

Action Hypothesis

If the teacher check the home work task in English carefully and punisher the defaulters the pupils will start doing homework carefully and timely.

Base Line Data

- History of the pupils.
- Knowledge of the family environment.
- Knowledge of traits.
- Necessary information regarding economical, culture physical situation.

Tools for Collecting Data

- Observation
- Study.
- Questionnaire.
- Personal interview
- Exercise books of English.

Classroom Interaction – An Analysis

Interaction between the teacher and his pupils in the classroom is the basis of learning hence quality and effectiveness of the teaching learning basically depends upon the quality and situation of interaction therefore, it is necessary to make this interaction realistic and most effective. Hereunder, we will discuss various aspects of this concept.

A systematic study of classroom interaction is a new development in education research. The purpose of this type of research is only to give an empirical background for making educational procedures more meaningful and worthwhile. Amidon and Flanders have played a leading role in developing these techniques of interaction analysis in the class room most of the interaction are oral. Through electronic appliances learning procedures may be observed and recorded on basis of their records of class room behaviours for some time it will be possible to derive certain inference regarding the teacher thought behaviour patterns in the class room interaction.

Flanders say that interaction analysis implies simply observing recording and counting events that occur in this system the teacher the teacher job categorised as direct of the indirect which is inductive of the index of the freedom that the teacher provides to the student in the classroom situation. Flanders classifies the teacher into two groups of integrative and dominative. The dominative teacher does not expect student participation in the teaching works he expects support and further classification the student points of view and feeling there for praises, encourage, and stimulates them at appropriate points and thus help them make decision in the classroom situation.

Flanders describe dominative teacher as one who believes in his own view convention authority and position he provides to ridiculing the stands taken by the student he criticises them and gives them many instructions and directions to follow in short he thinks that he is a very competent and wise to focus the students.

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